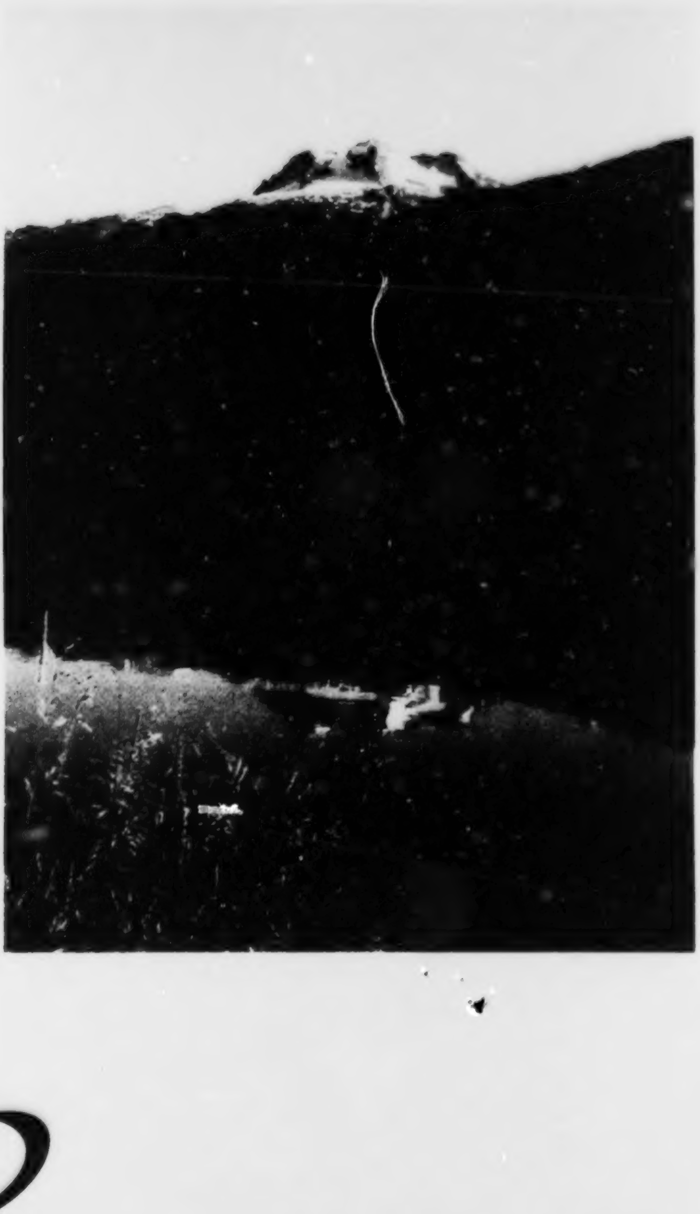
# FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA

## *A Historical Summary of the rights of the Lower Nicola First Nation*



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# *FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:*

## *A Historical Summary of the rights of the Lower Nicola First Nation*

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| Prepared for publication: | December, 1999 |

100-04701/

**Canadian Cataloguing in Publication Data**
Babcock, Kelly.
First Nations water rights in British Columbia. A historical summary of the rights of the Lower Nicola First Nation

ISBN 0-7726-4126-9

1. Water rights - British Columbia - Nicola Mameet Indian Reserve No. 1. 2. Water rights - British Columbia - Joeyaska Indian Reserve No. 2. 3. Water rights - British Columbia - Pipseul Indian Reserve No. 3. 4. Water rights - British Columbia - Logan's Indian Reserve No. 6. 5. Water rights - British Columbia - Zoht Indian Reserve No. 4. 6. Water rights - British Columbia - Hamilton Creek Indian Reserve No. 7. 7. Water rights - British Columbia - Speous Indian Reserve No. 8. 8. Nlaka'pamux Indians - British Columbia - Merritt Region - Government relations. I. JOL Consulting (Firm). II. Robinson, Gary W. III. . British Columbia. Water Management Branch. IV. Title. V. Title: Historical summary of the rights of the Lower Nicola First Nation.

KEB529.5.W3B325 2000 346.71104'32 C00-960033-7
KF8210.W38B325 2000

# ACKNOWLEDGMENTS

The Ministry of Environment, Lands and Parks wishes to acknowledge three partners whose contributions were invaluable in the completion of the *Aboriginal Water Rights Report Series:*

> The Ministry of Aboriginal Affairs, was a critical source of funding, support and direction for this project.
>
> The U-Vic Geography Co-op Program, was instrumental in providing the staffing resources needed to undertake this challenging task. Through the services of June Whitmore and her office, the project benefited from the research, writing, editing and co-ordination of these outstanding students:
>
> Jas Gill
> Julie Steinhauer
> Kelly Babcock
> Daniella Mogus
> Miranda Griffith
> Christina Rocha
> Rachel Abrams
> Elizabeth Lee
> Sara Cheevers
>
> The services of Clover Point Cartographics Limited of Victoria, was responsible for the preparation of most of the map drawings, which form a valuable part of these documents.

In addition to these three key partners, I must acknowledge the valuable contributions of other Water Management staff, past and present, including Jack Farrell, Jim Mattison, Richard Penner, Diana Jolly, Greg Blaney, Gary Lucas and Kim Johnston.

The sheer numbers of First Nations groups' with histories of water rights made the completion of the Report Series seem, at times, prolonged. The determination, patience and vision of the partners was essential in the completion of the Series and is gratefully acknowledged.

Gary Robinson
Project Manager
Water Management Branch

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# FIRST NATIONS WATER RIGHTS REPORT

**BAND:** Lower Nicola Band

**ADDRESS:** R.R. 1, Site 17, Comp. 18, Merritt, B.C. V0K 2B0

**CHIEF:** Victor York

**PHONE:** 378-5157 **FAX:** 378-6188

**AFFILIATION:** Nicola Valley Tribal Council

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## LOCATION:

The Lower Nicola Band occupy nine reserves in the area of Merritt in the southern interior of the Province. The nine reserves range in size from 18.2 hectares to 4,586.6 hectares, and cover a total area of 7,096.3 hectares. The reserves are:

Hamilton Creek 7 (1,780.6 ha)
Joeyaska 2 (129.5 ha)
Logan's 6 (18.2 ha)
Nicola Mameet 1 (4,856.6 ha)
Pipseul 3 (89 ha)
Speous 8 (113.3 ha)
Zoht 4 (202.3 ha)
Zoht 5 (64.7 ha)
Zoht 14 (112.1 ha)

There are no records of water allocations being made appurtenant to either Zoht No. 5 or Zoht No. 14. The most recent population compiled by the Ministry of Finance figures for the Lower Nicola Band report that there are 505 persons living on-reserve, 1 person living on crown land, and 309 persons living off-reserve, for a total registered population of 815.

Elevations of the reserves range from 2100 to 4000 feet above mean sea level. The reserves are located in one of the hottest and driest areas in the southern interior; the area experiences average daily temperatures ranging from lows in January of -10 degrees centigrade, to highs of 16 to 20 degrees centigrade, in July. Average precipitation for the area totals less than 30 cm, annually.

Water courses of significance include:

- Chartrand Creek - flows southwest past the community of Logan Lake and discharges into Guichon Creek, at a location about 2 kilometres northwest of Pipseul No. 3.
- Clapperton Creek - enters the northeastern corner of Zoht No. 4 and flows south through the reserve, exiting through the southern border. Clapperton Creek is tributary to the Nicola River.

- Godey Creek - enters the southeastern corner of Joeyaska No. 2, flows northwest through the reserve, exiting through the northwest corner.

- Guichon Creek - enters the northern border of Nicola Mameet No. 1, flows south through the reserve, and exits the southwestern corner discharging into the Nicola River.

- Hector Creek - located east of Nicola Mameet No. 1, Hector Creek flows west into Steffens Creek.

- Logan's Creek - originates west of Logan's No. 6, flows east into the reserve and discharges into the Quilchena River.

- Lower Nicola River - flows west from Nicola Lake, through the southern portion of Nicola Mameet No. 1, and discharges into the Thompson River.

- Mameet Spring - originates in the southern portion of Nicola Mameet No. 1 and flows west into the Nicola River within the reserve borders.

- Meadow Creek - enters the northwest corner of Pipseul No. 3, flows south through the reserve, and discharges into Guichon Creek.

- Morgan Creek and an unnamed creek - enter Nicola Mameet No. 1 on the eastern border, and flow southwest through the reserve. Morgan Creek discharges into Guichon Creek.

- Perry Spring and Spring "V" - appear to originate within Nicola Mameet No. 1. Perry Spring flows west through the southern portion of the reserve before discharging into the Nicola River, within the reserve borders. Spring "V" is also located near the southeastern corner of the reserve, however there is not enough information to establish what Spring "V" is tributary to.

- Pony Creek - located east of Speous No. 8, Pony Creek flows northwest into the Nicola River. Pony Creek does not cross through any reserve lands.

- Pye Creek - located approximately 4 kilometres from southeast of Joeyaska No. 2, Pye Creek flows north into Godey Creek.

- Quilchena Creek - originates south of Logan's No. 6, flows south through Logan's No. 6 and Hamilton Creek No. 7, and discharges into Nicola Lake.

- Shuta Creek - enters the northwest corner of Zoht No. 4, and flows south through the reserve into Clapperton Creek.

- Spanish Creek - located west of Joeyaska No. 2, Spanish Creek flows northwest towards the Coldwater River. Spanish Creek does not flow across any Lower Nicola Reserve lands

- Steffens Creek - enters the northeastern border of Nicola Mameet No. 1, exits and re-enters the northern portion of the reserve, and flows into Guichon Creek.

- Waterfall Creek - enters across the southern border of Speous No. 8, then flows west through the middle of the reserve, exiting through the western border.

Water courses of significance which can be only tentatively identified due to a lack of locational information:

- Hamilton's or McDonald's Creek - identified as Quilchena Creek.

- Joeyaska's Creek - identified as Godey Creek.

- Mameet River - identified as Guichon Creek.

- A Stream flowing towards Hamilton's Creek - identified as Logan's Creek.

## WATER ALLOCATIONS:

There are no records of water allocations made by the Lieutenant Governor-in-Council by Order-in-Council granting water rights, with respect to the Lower Nicola Band.

The water rights of the Lower Nicola Band have been determined by four actions of government over the years:

1) Allotments by the Indian Reserve Commissioners:

Following Confederation, the Province and the Dominion established an Indian Reserve Commission (IRC) to reserve land for the Indians and to facilitate the transfer of the lands in question to Dominion title. In setting apart lands for reserves, the Reserve Commissioners made it their practice to allot water in conjunction with the land. This practice was unique among Indian Reserves in Canada and the authority of the Commissioners to allot water rights has been disputed by the Province since.

A large number of allocations were made by the Indian Reserve Commission within the area around the Nicola River below Nicola Lake, where the Lower Nicola Band is located. A number of Minutes of Decision recorded by the IRC refer to water sources which cannot now be identified. Minutes of Decision allocate water to the Lower Nicola Band are discussed below.

2) Determinations of the Board of Investigation under the *Water Act, 1914,* with regard to claims filed by the Department of Indian Affairs. Often the Board ruled to ratify water records through the issue of water licenses.

3) Granting of water licenses in response to Federal Government applications requesting authorization for the use of water on reserves.

4) Actions to amend licensed rights, pursuant to provisions contained in the *Water Act*.

## Minutes of Decision: Allocations made by the Indian Reserve Commission

The Indian Reserve Commission made a number of allocations which appear to be intended for the benefit of the Lower Nicola Band. Each Minute of Decision lists the amount of water allocated and often gives a brief description of the water source, with or without a name. Some of the names given and references made in the description of the water sources have lost their meaning through time. In these cases, the water sources are now unidentifiable or can be only tentatively identified using the limited information supplied. Allocations which appear to have been made to the Lower Nicola Band, as described in AGBC #590454 (see attachments), are:

| **Date** | **Inches** | **Sources of Supply** |
|---|---|---|
| *Sept 5, 1878* | *800* | *Mameet River*<br>The Mameet River has been tentatively identified as Guichon Creek, and this allocation is discussed under the history of Guichon Creek. |
| | *225* | *Lower Nicola River, that is Nicola River below Nicola Lake.*<br>It is unclear which reserve the above allocation was intended to be appurtenant to. It is likely that this was meant for Nicola-Mameet No. 1, as the Nicola River runs through the southern portion of the reserve. This allocation is discussed under the history of the Nicola River. |
| *Sept 10, 1878* | *200* | *Dalley's Creek, otherwise called Clapperton's Creek.*<br>The name Clapperton Creek still exists today and it is likely to be the same source. The allocation is discussed under the history of Clapperton Creek. |

| | | |
|---|---|---|
| *Sept 11, 1878* | *20* | *A little mountain stream known as Joeyaska's Creek flowing towards the Coldwater.* |
| | | From the description given, it is likely that this allocation was intended to be appurtenant to Joeyaska No. 2. It is possible that this stream is Godey Creek, however the lack of information makes it difficult to confirm. |
| *Sept 12, 1878* | *10* | *Hamilton's or McDonald's Creek.* |
| | *10* | *A little stream flowing from the west into Hamilton's Creek, through Logan's Reserve.* |
| | | Although there is currently a creek located over a kilometre north of Joeyaska No. 2 named Hamilton Creek, it appears likely from the description above that the Hamilton Creek referred to in these allocations is the creek currently referred to as "Quilchena". Assuming that Hamilton/McDonald Creek is the current "Qilchena Creek", the "little stream" then matches the present location of Logan's Creek. The Hamilton/McDonald's Creek allocation is discussed under the history of Quilchena Creek. |

## HISTORY, CURRENT STATUS, AND NOTES:

The history of water rights, the current status of rights, and notes for the Lower Nicola Band with respect to Godey Creek, Guichon Creek, Hamilton's Creek, Hector Creek, Joeyaska's Creek, Logan's Creek, Lower Nicola River, Mameet Spring, Meadow Creek, Morgan Creek and an unnamed creek, Perry Spring, Pony Creek, Pye Creek, Quilchena Creek, Spanish Creek, Shuta Creek, Steffens Creek, and Waterfall Creek, are as follows:

### Chartrand Creek

#### History:

**Apr 8, 1983** In a letter to the Band, the Comptroller of Water Rights discussed possible forms of compensation for water losses under FL 8998 that could potentially occur as a result of the construction of an open pit mine in the vicinity of Quiltanton Lake.

**Jul 9, 1985** Cominco Ltd. and Lornex Mining Corporation Ltd. applied to the Comptroller of Water Rights for a transfer of 51 acre feet and 500 gallons per day for domestic purposes, of rights authorized under FL 6546. The application requested that FL 6546 be abandoned, or a new license issued, such that water use was authorized on part of Pipseul No. 3, instead of on part of Lot 780 KDYD, East of Guichon.

A letter dated July 24, 1985, from the Regional Water Manger to the Lower Nicola Band, stated that water authorized under FL 6546 was being transferred to ensure that water would be available as authorized under the original license (FL 8998), appurtenant to Pipseul No. 3.

**Nov 8, 1985** The Comptroller of Water Rights issued CL 61139 which transferred the appurtenancy of FL 6546 to the Lower Nicola Band. CL 61139 was assigned a precedence date of May 31, 1910, and authorizes the diversion of 50 acre feet per year (from April 1 to Sept. 30) for irrigation of 20 acres of Pipseul No. 3 and 500 gallons per day, year-round for domestic purpose on Pipseul No. 3. The license is supplementary to FL 8998, on Guichon Creek. The maximum quantity of water which may be diverted under both licenses combined, CL 61139 and FL 8998, is defined as 76 acre feet per year.

CL 61139 was issued in response to an Application for Transfer of Appurtenancy filed by Cominco Ltd. and Lornex Mining Corporation in July 1985. FL 6546 was previously registered to Cominco Ltd. and Lornex Mining Corporation.

**Jan 22, 1986** The Comptroller of Water Rights issued an Order that clause (b) of CL 61139 was erroneously stated. Clause (b) was amended to state that the points of diversion and rediversion were located as shown on the attached plan.

## Current Status:

There are 7 licenses active on Chartrand Creek, one (1) of which is for the use and benefit of the Lower Nicola Band. Of the active licenses:

- 1 authorizes the use of water for combined domestic and irrigation purposes, at 500 gallons per day, year-round for domestic use, and 50 acre feet per year (from April 1 through September 30) for irrigation use.
- 1 authorizes the use of water for irrigation at a total of 282 acre feet per year, from April 1 to September 30.
- 2 authorize the use of water for non-power storage, at a total of 382 acre feet per year, from October 1 to May 31.

- 1 authorizes the use of water for conservation purposes, for a total of 0.14 cubic feet per second per year.
- 1 authorizes the storage of water for conservation purposes, for a total of 380 acre feet per year.
- 1 authorizes the use and storage of water for conservation purposes, at 90 acre feet per year for storage, and 1.00 cubic feet per second per year for use.

CL 61139, held by the Lower Nicola Band, is first in priority on Chartrand Creek.

The Water Survey of Canada has maintained several recording stations on Chartrand Creek at varying times; Station No. 08LG024 (Chartrand Creek diversion to Tunkwa Lake), Station No. 08LG001 (Chartrand Creek near Mamette Lake Post Office), and Station No. 08LG023 (Chartrand Creek near Savona). The most useful records in terms of water availability for the Band are from Station No. 08LG001 (Chartrand Creek near Mamette Lake Post Office). Station No. 08LG001 recorded streamflows at varying times between April and September of 1912, and 1920 to 1922. For these periods the station recorded a low mean monthly flow of .006 cubic metres per second in April, and a high mean monthly flow of 0.069 cubic metres per second, in June.

A water license application has been refused due to lack of water on Chartrand Creek.

**Notes:**

1. There are no additional notes with respect to the rights of the Lower Nicola Band on Chartrand Creek.

## Clapperton Creek

### History:

**Sept 10, 1878** A Minute of Decision of the Indian Reserve Commission allocated, for the use of the Lower Nicola Indians, 200 inches* of water from Dalley's (otherwise known as Clapperton's) Creek.

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

**May 11, 1922** The Board of Investigations, through a Board Order numbered 1261, set out that a Conditional License should be issued which would:

i) provide for the diversion of water from Clapperton Creek and Shuta Creek;
ii) take precedence from May 2, 1889; and
iii) authorize the diversion of 415 acre feet per year (from May 1 to September 30) for the irrigation of 166 acres of Zoht No. 4. Of the total quantity allocated, it was recommended that 2,500 gallons of water per day per year, year-round be made available for domestic application.

**Dec 1, 1922** The Comptroller of Water Rights issued CL 6651, which embodied the terms and conditions of Board Order No. 1261.

**Nov 1, 1927** A note was made on the original Board Order No. 1261 by the Board of Investigation that the time authorized for the completion of works and the irrigation land, as set out in the Board Order, was extended to September 30, 1928. No official Order was issued to this effect.

**Sept 30, 1928** A note was made on the original Board Order No. 1261 by the Board of Investigation that the time authorized for the completion of works and the irrigation land, as set out in the Board Order, was extended to September 30, 1929. No official Order was issued to this effect.

**Sept 30, 1929** A note was made on the original Board Order by the Board of Investigation that the time authorized for the completion of works and the irrigation land, as set out in the Board Order, was extended to September 30, 1930. No official Order was issued to this effect.

**Dec 23, 1933** In an Engineer's Report for a Final License, the District Engineer reported that 112 acres was irrigated under CL 6651, less than the full area listed on the license.

**Nov 20, 1934** The Comptroller of Water Rights issued two licenses in substitution of CL 6651:

i) FL 9003 was issued in partial substitution of CL 6651 to the Department of Indian Affairs. FL 9003 was assigned a precedence date of May 2, 1889, and authorizes the diversion of 66 acre feet per year for irrigation, from April 1 to September 30. Of the total quantity allocated, 1,000 gallons per day, year-round is authorized for domestic application. The appurtenant lands are defined as 22 acres of the southerly portion of Zoht No. 4.

ii) CL 9002 was issued in partial substitution of CL 6651, and authorizes the diversion of water from Shuta Creek. CL 9002 is described in greater detail in the history of Shuta Creek.

**Jul 30, 1993** In a letter to the Water Management Branch, the Capital Works Manager of the Lower Nicola Band stated that the then Nicola Lake Ranch Company Ltd. had "a form of agreement with several of the Locatees" on the Zoht reserves, to divert water by various methods. She stated that the Band's understanding was that this company was dissolved on July 7, 1981, and as such, all agreements and services had dissolved with it. She stated that the present operators of Nicola Ranch continued to take large amounts of water, which had resulted in at least two Band members having to do without water.

**Oct 1, 1993** In a Memo of Notes on a meeting with the Lower Nicola Band, a Scientific Technical Officer stated that the Band expressed disapproval of works constructed by Nicola Ranch across Band land. The Band requested that a ditch constructed by the Ranch be removed, as it had been abandoned. A member of the Band reported that some use was being made of Mabel Creek for irrigation on Zoht No. 5. The Band does not hold licenses authorizing use on Mabel Creek.

**Current Status:**

There are 4 licenses active on Clapperton Creek. Of the licenses:

- 1 authorizes the use of water for combined domestic and irrigation purposes, at 1,000 gallons per day, year-round for domestic use, and 66 acre feet per year (from April 1 to September 30), for irrigation use.
- 2 authorize the use of water for irrigation purpose, at a total of 5011 acre feet per year, from April 1 to September 30.
- 1 authorizes the use of water for non-power storage, at 2,500 acre feet per year, from October 1 to June 15.

The Lower Nicola Band holds FL 9003, which is first in priority on Clapperton Creek.

The Water Survey of Canada has incomplete streamflow records for Clapperton Creek near Nicola. Station No. 08LG015 recorded streamflow from April to September of 1920 and 1921. For this period the records report a low mean monthly flow of 0.03 cubic metres per second in September, and a high mean monthly flow of 2.14 cubic metres per second in May.

**Notes:**

1. The allotment of water authorized under Conditional License 6651 (Board Order 1261), is less than the amount allocated by the Indian Reserve Commission under the 1878 Minute of Decision.

2. The Lower Nicola Band's rights to the waters of Clapperton Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

3. The issue of Final Water License 9002 and 9003 in substitution of Conditional Water License 6651 resulted in a loss of licensed water rights for the Lower Nicola Band on Clapperton Creek.

4. The Band has objected to the occupation of Reserve land for third party (Nicola Ranch) works. The presence of the works may be construed as an infringement on the Band's first priority rights to water, as reserved under FL 9003.

5. The Band has not established formal water rights for the reported use of water for irrigation purposes on Zoht No. 5.

## Godey Creek & Spanish Creek

### History:

| | |
|---|---|
| **Sept 12, 1878** | A Minute of Decision of the Indian Reserve Commission allocated 20 inches* of water from Joeyaska's Creek for the use by the Lower Nicola Indians. Joeyaska's Creek is tentatively identified as Godey Creek. |

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

| | |
|---|---|
| **Jun 25, 1923** | An Indian Agent applied for a water license on Godey Creek and on an unnamed spring. |

| | |
|---|---|
| **Nov 20, 1923** | The Comptroller of Water Rights issued CL 7242 to an Indian Agent, on behaf of the Lower Nicola Band. CL 7242 bears a precedence date of June 21, 1923, and authorizes the diversion of 235 acre feet per year for irrigation from April 1 to Sept. 30. Of the total quantity allocated, 2000 gallons of water per day, year-round is authorized for use for domestic purpose. The appurtenant lands are specified as 96 acres of Joeyaska No. 2. |
| **Oct 13, 1930** | An Indian Agent acting on behalf of the Lower Nicola Band, filed a Proof of Completion form stating that 60 acres of land was being irrigated at the time. The Agent reported that there was not sufficient water to satisfy the allocation, as the creek was drying up by the end of June. |
| **Dec 23, 1933** | In an Engineer's Report for a Final License, regarding CL 7242, the District Engineer reported that 30 acres of land was being irrigated. He also stated that CL 6654 was a duplicate license in terms of allocations from Godey Creek. The report concluded that Indian rights would not be adversely affected by the cancellation of CL 6654. |
| **Dec 20, 1934** | The Comptroller of Water Rights issued FL 9072 in substitution of CL 7242, to Indian Affairs. FL 9072 was assigned a precedence date of June 21, 1923, and authorizes the use of 10 acre feet per year from Ainsworth Spring and 65 acre feet per year from Godey Creek for irrigation purposes, from April 1 to September 30. Two thousand gallons per day of water may be used for incidental domestic use, year-round. The appurtenant lands are specified as 30 acres of Joeyaska No. 2. |
| **Apr 5, 1974** | As a result of an investigation which determined that Ainsworth Spring as identified on FL 9072 was, in fact, Spanish Creek, the Deputy Comptroller of Water Rights issued an Order to amend the source of the water supply to read Spanish Creek and Godey Creek. |
| **Aug 1, 1975** | Chief Donald Moses of the Lower Nicola Band declared in a statutory declaration of rebuttal that FL 9072 had been fully used by eight families for domestic and irrigation purposes. The declaration was submitted in response to an affidavit signed by a Rosemary Gorcak on May 23, 1975, which stated that water had not been used on Indian Reserve No. 2 (Joeyaska No. 2) under FL 9072, for at least three successive years. |

**Jan 24, 1979**

In a Memo to the Comptroller of Water Rights, D.E. Smuin, Regional Engineer, stated that, after inspection of the works required under FL 9072:

- Point "H" on Godey Creek was then not being used and associated structures were in complete disrepair.
- Points "G" and "F" were being used and the Band planned to put a new pipeline around "H".

He stated that no water was being used from Spanish Creek, as the associated works had been obliterated by local development. The Band, he wrote, would like to rehabilitate the Spanish Creek system the undertaking would be difficult and expensive. The Engineer reported that there was a large discrepancy between "J", Ainsworth Spring, and Spanish Creek, both located in Final License survey. He stated also that domestic use by eight families living on the reserve occurred through individual shallow wells. The wells had all been condemned by the Department of Health, so a deep well had been drilled beside Godey Creek, which was intended to supply all of the homes once a distribution system had been constructed. No use was being made of the storage license on Pye Creek, CL 13102, and the works were in a state of disrepair and needed replacing.

**Mar 7, 1979**

The Comptroller of Water Rights wrote the Lower Nicola Band stating that an investigation showed that no water was being used from Spanish Creek under FL 9072 due to the obliteration of the works as a result of the construction of numerous subdivisions. The letter stated that it was the intention of the Water Rights Branch to cancel the license authorizing use of 10 acre feet from Spanish Creek, unless beneficial use was made by December 31, 1980.

**Apr 6, 1979**

The Nicola Valley Indian Administration sent a letter to the Union of B.C. Indian Chiefs, stating that Mr. F. Sterling of the Band had filed a protest with the Water Rights Branch regarding the destruction of the irrigation ditch from Spanish Creek to the reserve by Mr. E.V. Ewalt (a rancher who held CL 30022 on Spanish Creek). In their letter the Band reiterated their opinion that the precedence date of May 2, 1889, (established by the Board of Investigation for CL 6654 on Godey Creek - subsequently canceled) should apply to both Spanish and Godey Creeks. They ascertained that no water license should have ever been granted to Mr. Ewalt due to insufficient supply in Spanish Creek.

The Water Rights Branch advised, on September 22, 1965, that it was the responsibility of the Band to negotiate an easement with Mr. Ewalt.

**Jul 18, 1980** The Kamloops Regional Water Resource Manager conducted a search to determine if any easements were registered against private lands in support of the transversal of works required under FL 9072, between point of diversion 'J' on Water Rights Map 6052 and point of diversion 'G' on Water Rights Map 6052C. The Regional Manager concluded that no easements against private lands crossed, had been registered for the works required under FL 9072.

**Oct 28, 1980** The Band wrote to the Water Rights Branch, requesting an extension of time for the completion of works required under FL 9072. The Band justified the request stating: considerable cost and planning would be involved in upgrading works, four separate titles and crown land must be traversed, an engineering study of the water supply options could not be completed until 1981, and they were undertaking an analysis of the impact of the proposed route of the Coquihalla highway on Spanish Creek. Because of past water shortages experienced on the reserve, the Band were eager to retain all rights if it was economically feasible to obtain the water from Spanish Creek.

**Nov 19, 1980** A Memo from the Kamloops Water Management Branch to the Comptroller of Water Rights stated that Ainsworth Spring was believed to be a separate entity from Spanish Spring. The memo stated that Spanish Spring is a "poor producer"; no water would be available under other licenses on the Creek, if 10 acre feet were diverted, as authorized under FL 9072.

The Branch further indicated that no reservoir had been constructed on Pye Creek under CL 13102. As such, CL 13102 was subject to cancellation. The Memo recommended headquarters proceed with the cancellation of the Spanish Creek portion of FL 9072.

**Dec 18, 1980** A note made on the file by the Water Management Branch states that the October 28 request from the Band for an extension for the completion of works would be refused. The extension was denied because:

- a. the Band had not met the terms of a Water Management Branch letter of March 7, 1979; and
- b. comments supplied by the Regional Manager indicated that the cost of construction of works for Spanish Creek was not justifiable.

**March 31, 1981** In a memo to the Comptroller of Water Rights, the Regional Water Manager for the Thompson-Nicola Region advised that the cancellation of FL 9072 should be delayed until results from ongoing strategic planning initiatives, including the Nicola Basin Plan, were received. Regional office was attempting to involve First Nations in decision-making regarding water resources. The Regional Manager indicated that the process would be enhanced if the Band were given the opportunity to assess the limited supply conditions and abandon their rights on Spanish Spring

**Current Status:**

There are 4 licenses active on Godey Creek. Of the licenses:

- 1 authorizes the use of water for domestic purposes, at a total of 1,000 gallons per day per year.
- 2 authorize the use of water for irrigation purpose, at a total of 128 acre feet per year, from April 1 to September 30, or April 1 to July 15.
- 1 authorizes the use of water for combined domestic and irrigation purpose, for 2,000 gallons per day, year-round for domestic use, and 75 acre feet per year (from April 1 to September 30) for irrigation use.

The Lower Nicola Band holds FL 9072, which is first in priority on Godey Creek.

There are 8 licenses active on Spanish Creek. Of the licenses:

- 2 authorize the use of water for combined domestic and irrigation purposes, for a total of 3,000 gallons per day, year-round for domestic use, and 124.50 acre feet per year (from April 1 to September 30) for irrigation use.
- 6 authorize the use of water for irrigation purpose, at a total of 23.5 acre feet per year, from April 1 to September 30.

The Lower Nicola Band holds FL 9072, which is first in priority on Spanish Creek.

The Water Survey of Canada has no records of streamflow for Godey Creek or for Spanish Creek. Godey Creek is listed in Water Management Branch records as "fully recorded".

**Notes:**

1. The allocation of water authorized under Conditional License 7242 is less than the amount allocated by the Indian Reserve Commission in the 1878 Minute of Decision.
2. The Lower Nicola Band's rights to the waters of Godey Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.
3. The issue of Final Water License 9072 in substitution of Conditional Water License 7242, resulted in a loss of licensed water rights for the Lower Nicola Band on Godey Creek.
4. The cancellation of Conditional License 6654 resulted in a loss of licensed water rights for the Lower Nicola Band on Godey Creek.
5. The destruction of works required under FL 9072 from Spanish Creek, occurred as a result of the Department of Indian Affairs failure to obtain a right-of-way.
6. The Lower Nicola Band has registered a formal objection to the precedence date set out on CL 9072. The Band believes that the precedence date of CL 9072 on both Spanish and Godey Creeks should be May 2, 1889.
7. Spanish Creek is fully recorded.
8. The Band has objected to a license being granted to Mr. Ewalt on Spanish Creek, due to insufficient supply in the Creek.

## Guichon Creek

### History:

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| **Sept 5, 1878** | A Minute of Decision of the Indian Reserve Commission allocated for the use of the Lower Nicola Indians 800 inches* of water from Mameet River, which has been tentatively identified as Guichon Creek. |

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

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|---|---|
| **May 11, 1922** | The Board of Investigation, through an Order of the Board numbered 4774, set out that a Conditional License should be issued which would:<br>i) provide for the diversion of water from Guichon Creek;<br>ii) take precedence from May 2, 1889; and<br>iii) authorize the diversion of 2,250 acre feet per year (from May 1 to September 30) for the irrigation of 900 acres of Nicola Mameet No. 1. Of the total volume allocated, 15,000 gallons per day per year was recommended to be made available for domestic applications. |
| **Dec 1, 1922** | The Comptroller of Water Rights issued CL 6655, which embodied the terms and conditions set out in Board Order 4774. |
| **Aug 23, 1923** | A Memorandum of an Agreement was signed (which was to continue in force until Dec 31, 1933) between the Superintendent General of Indian Affairs and 11 other parties; they mutually agreed to construct a joint dam at the outlet of Mamette Lake and participate in the construction, maintenance, repair and operation of the dam in proportions set out in the agreement. The proportions are based on the quantities, in acre feet, which each of the parties is authorized to store in the Lake. |
| **Nov 21, 1923** | The Comptroller of Water Rights issued CL 7240 to an Indian Agent, with a precedence date of June 21, 1923, which authorized the diversion of 100 acre feet per year (from April 1 to September 30) for irrigation of 50 acres of Pipseul No. 3. Of the total quantity allocated, 1000 gallons per day could be used for domestic purpose, year-round. |
| **Dec 5, 1923** | The Comptroller of Water Rights issued CL 7275 to an Indian Agent, on behalf of the Lower Nicola First Nation. CL 7275 bears a precedence date of October 21, 1920 and authorizes the storage of 1125 acre feet per year to supply CL 6655, from October 1 to June 15. The land on which the water may be used is as set out in the diversion license. |
| **Nov 10, 192** | An Indian Agent filed a Proof of Completion form stating that 900 acres of land had been irrigated, and approximately 15,000 gallons of water a day was being used. The agent informed that in some years there had not been sufficient water in the creek to fill the license, after the prior rights had been filled. |

**Nov 13, 1929** In an Engineer's Report for a Final License regarding CL 6655, the District Engineer reported that the area of land irrigated was 484 acres, less than the area authorized under the license. It was not known what quantity of water was being used. The report further noted that there two additional points of diversion had been installed.

**Jan 27, 1930** An Engineer's Report for a Final License regarding CL 7275 stated that 484 acres were irrigated on Nicola Mameet No. 1. The dam in place was estimated to have a storage potential of 2676 acre feet.

**Sept 15, 1932** The Comptroller of Water Rights issued FL 8229 in substitution of CL 6655 to the Department of Indian Affairs. FL 8229 was assigned a precedence date of May 2, 1889 and authorizes the diversion of 1185 acre feet per year for irrigation, from May 1 to September 30. Of the total volume allocated, 15,000 gallons a day was available year-round for domestic applications. The appurtenant lands were defined as 474 acres of part of the south portion of Nicola Mameet No. 1.

**Aug 20, 1934** The Comptroller of Water Rights issued FL 8935 in substitution of CL 7275 to the Department of Indian Affairs. FL 8935 bears a precedence date of October 21, 1920 and authorizes the storage of 948 acre feet per year of water from Guichon Creek, using Mameet Lake as a reservoir. The water may be stored from October 1 to June 15, and the license is appurtenant to 474 acres of Nicola Mameet No. 1.

**Nov 10, 1934** The Comptroller of Water Rights issued FL 8998 in substitution of CL 7240 to Indian Affairs, bearing a precedence date of June 21, 1923. CL 7240 authorizes the diversion of 100 acre feet per year (76 acre feet from Guichon Creek and 24 acre feet from Meadow Creek) for irrigation purposes, from April 1 to September 30. Of this quantity 1000 gallons per day is authorized for domestic use. The water is authorized for use on 50 acres of Pipseul No. 3.

**June 2, 1947** In a Memo to the Comptroller of Water Rights, the District Engineer stated that:

> *"it is now understood the Department of Indian Affairs have by payment of $3000 to Quenville, acquired by agreement the right to hold the lake waters of Mamit Lake to a certain level until August 1st of each year, after which date storage must be released."*

**Current Status:**

There are 31 licenses active on Guichon Creek. Of the licenses:

- 2 authorize the use of water for domestic purposes, for a total of 1,000 gallons per day, year-round.
- 4 authorize the use of water for combined domestic and irrigation purpose, for a total of 17,000 gallons per day, year-round for domestic use, and 1938 acre feet per year (from April 1 to September 30 or May 1 to September 30) for irrigation use.
- 6 authorize the use of water for irrigation purpose, for a total of 953.7 acre feet per year, from April 1 to September 30.
- 3 authorize the use of water for waterworks, for a total of 77,745,000 gallons per year.
- 1 authorizes the use of water for combined stockwatering and irrigation purposes, at 500 gallons per day, year-round for stockwatering use, and 32.83 acre feet per year (from April 1 to September 30) for irrigation use.
- 11 authorize the use of water for non-power storage, for a total of 2270 acre feet, from October 1 to June 15.
- 3 authorize the use of water for combined non-power storage and irrigation purpose, for 260.7 acre feet per year for non-power storage, and 268.98 acre feet per year (from April 1 to September 30) for irrigation.
- 1 authorizes the storage of water for conservation, at 1,700 acre feet per year.

The Lower Nicola Band has 2 licenses active on Guichon Creek: FL 8229, is third in priority on the Creek, and FL 8935, which is twelfth in priority on the Creek.

The Water Survey of Canada has maintained streamflow records at several places on Guichon Creek over the years: Station 08LG003 above Mamit Lake; Station No. 08LG056 above Tunkwa Lake Diversion; Station No. 08LG041 at outlet of Mamit Lake; Station No. 08LG067 at the mouth; Station No. 08LG032 below Quenville Creek; Station No. 08LG014 diversion to Tunkwa Lake; and Station No. 08LG004 near Lower Nicola. In terms of assessing water availability to reserve lands the most useful streamflow data is from Station No. 09LG067 at the mouth of Guichon Creek. Station No. 09LG067 measured flows year-round from 1984 to 1990. For the period recorded the station reported a low mean monthly flow of 0.057 cubic metres per second in December, increasing to a high in June of 2.26 cubic metres per second.

Guichon Creek is listed as fully recorded, and some applications have been refused for insufficient water. Guichon Creek and its tributaries are listed as having no irrigation water by late priority licenses.

It has been identified that a number of current licenses not held by the Band access water from Guichon Creek using works which pass through Nicola Mameet No. 1. No legal agreement exists authorizing a right-of-way for these works.

**Notes:**

1. The allotment of water under Conditional License 6655 (Board Order 4774) is significantly less than the amount allocated by the Indian Reserve Commission in the 1878 Minute of Decision.

2. The Lower Nicola Band's rights to the waters of Guichon Creek as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

3. The issue of Final Water Licenses 8229 and 8935, in substitution of Conditional Water Licenses 6655 and 7275, resulted in a loss of licensed water rights for the Lower Nicola Band on Guichon Creek.

4. The Band has not formalized agreements for the passage of works belonging to non-Band members, which transverse Nicola Mameet No. 1.

5. Under current licensing practices Final Water License 8229 would be issued for waterworks purpose. The amendment of this license to waterworks purpose would qualify the Guichon Creek drainage area for designation as a "Community Watershed" under provisions contained in the Forest Practices Code.

## Hector Creek

### History:

**Jul 22, 1992** The Regional Water Manager issued CL 68634 to the Lower Nicola Band, bearing a precedence date of July 20, 1989. The license authorizes the storage of 295 acre feet per year to be used for irrigation purposes. The water may be stored from October 1 to June 15, and may be used for irrigation from April 1 to September 30. The appurtenant lands are defined as Nicola-Mameet No. 1, of which 118 acres may be irrigated.

Permit No. 18313 was issued in conjunction with CL 68634 and authorizes the occupation of 2.3 acres of Crown Land, being a portion of Lot 4430, Kamloops Division Yale District.

**Current Status:**

There are 7 licenses active on Hector Creek. Of the 7 licenses;

- 1 authorizes the use of water for combined domestic and irrigation purposes, at 500 gallons per day, year-round for domestic use, and 217.5 acre feet per year (from April 1 to September 30) for irrigation use.
- 1 authorizes the use of water for irrigation, at 183 acre feet per year (from April 1 to September 30).
- 3 authorize the use of water for non-power storage, for a total of 449.5 acre feet per year, from October 1 to June 15.
- 2 authorize the use of water for combined non-power storage and for irrigation, at a total of 315 acre feet per year (from October 15 to June 30) for storage, and 315 acre feet per year (from April 1 to September 30) for irrigation.

The Lower Nicola Band holds CL 68634, which is seventh in priority on Hector Creek.

The Water Survey of Canada has no records of streamflow for Hector Creek. However, a 1989 Engineer's Report on a Water Application used nearby Quenville Creek as a comparison basin to judge the size of Hector creek. The Report calculated the total freshet available as 826 acre feet, adequate water for granting the application in question.

**Notes:**

1. There are no additional notes with respect to the water rights of the Lower Nicola Band on Hector Creek.

## Logan's Creek

### History:

**Sept 12, 1878** A Minute of Decision of the Indian Reserve Commission allocated 10 inches* of water from a stream flowing from the west into Hamilton's Creek, through Logan's Reserve, for the use of the Lower Nicola Indians. From this description it would appear that the intended source is that stream which is currently referred to as Logan's Creek.

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* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

**May 11, 1922** The Board of Investigations, through an Order of the Board numbered 3715, set out that a Conditional Water License should be issued which would:

i) provide for the diversion of water from Quilchena Creek and its tributary, Logan's Creek;
ii) take precedence from May 2, 1889; and
iii) authorize diversion of 68 acre feet per year (from May 1 to Sept. 30) for the irrigation of 34 acres of Logan No. 6. Of the total volume allocated, 500 gallons per day, year-round was recommended for domestic use.

**Dec 1, 1922** The Comptroller of Water Rights issued CL 6646, which embodied the terms and conditions set out in Board Order 3715.

**Nov 1, 1927** A note was made on the original Board Order No. 3715 by the Board of Investigation that the time for the completion of works and irrigation of land, as set out in the Board Order, was extended to September 30, 1928. No official Order was issued to reflect this notation.

**Sept 30, 1928** A note was made on the original Board Order No. 3715 by the Board of Investigation that the time for the completion of works and the irrigation of land, as set out in the Board Order, was extended to September 30, 1929. No official Order was issued to reflect this notation.

**Sept 30, 1929** A note was made on the original Board Order No. 3715 by the Board of Investigation that the time for the completion of works and the irrigation of land, as set out in the Board Order, was extended to September 30, 1930. No official Order was issued to reflect this notation.

**Dec 20, 1932** The Comptroller of Water Rights notified Indian Affairs that the holders of CL 6646 had failed to prove to his satisfaction that construction of the works required under CL 6646 had been initiated within the time fixed. The Comptroller advised that on the 24th day of January, 1933, he proposed to issue an Order rendering CL 6646 null and void. On the 24th day of February, 1933, cancellation of CL 6646 was proposed.

**Jan 23, 1939** An Indian Agent filed a Proof of Completion form stating that 10 acres of land had been irrigated, and 500 gallons per day used for incidental domestic use, under CL 6646. The Agent reported that an application for a Final License authorizing the use of 25 acre feet from Logan Creek had been filed, as no water had been used from Quilchena Creek due to the excessive bench height.

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| **Jan 3, 1940** | In a Report For a Final License regarding CL 6646, the District Engineer stated that 5 acres were being irrigated, less than the total area authorized under the license. The Engineer reported that Logan Creek was dry at the time of his inspection, in Aug. 1939. |
| **Feb 15, 1940** | The Comptroller of Water Rights issued FL 10856, in substitution of CL 6646 to the Director of Indian Affairs, bearing a precedence date of May 2, 1889. The license authorizes the diversion of 10 acre feet per year for irrigation purposes, from May 1 to September 30. The appurtenant lands are defined as 5 acres of Logan No. 6. |

## Current Status:

FL 10856, held by the Lower Nicola Band, is the only license active on Logan's Creek. Accordingly, FL 10856 is first in priority on the Creek.

The Water Survey of Canada has no streamflow records for Logan's Creek. No alternate sources of water availability data on Logan's Creek were located during the course of this review.

## Notes:

1. The allotment of water authorized under Conditional License 6646 (Board Order 3715), is less than the amount allocated by the Indian Reserve Commission in their 1878 Minute of Decision.
2. The Lower Nicola Band's rights to the waters of Logan's Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.
3. The issue of Final Water License 10856 in substitution of Conditional Water License 6646, resulted in a loss of licensed water rights for the Lower Nicola Band on Logan's Creek.

## Mameet Spring

### History:

**Nov 20, 1923** In accordance with an application filed by an Indian Agent on behalf of the Lower Nicola Band, the Comptroller of Water Rights issued CL 7243, bearing a precedence date of June 21, 1923. The license authorized the diversion of 250 acre feet per year (from April 1 to September 30) for irrigation purposes from two unnamed springs, "V" (which appears to be Mameet Spring) and "W" (being later named Perry Spring). Of the 250 acre feet allocated 1000 gallons of water per day was available for domestic applications. The water was authorized for use on 100 acres of Nicola Mameet No. 1.

**Nov 26, 1940** In a Report for a Final License, the District Engineer reported that 31 acres of land were being irrigated under CL 7243, and that the spring at intake "V" was being used for stockwatering only. The report stated that the flow from Spring "V" was in excess of 2 cubic feet per second where it crossed the C.P.R., but was too low in elevation to cover the arable land.

Subsequent to the report alluded to above, a Final License, FL 11228, was issued for Spring "W" (Perry Spring). A Final License for Spring "V" (Mameet Spring) was not issued.

**May 1, 1948** In accordance with an application submitted by the Director of Indian Affairs, the Comptroller of Water Rights issued CL 18480, bearing a precedence date of February 23, 1948. The license authorizes the diversion of 250 acre feet per year for irrigation purposes, from April 1 to September 30. The appurtenant lands are defined as the south portion of Nicola Mameet No. 1, of which 100 acres may be irrigated.

**Feb 8, 1956** The Comptroller of Water Rights issued an Order to extend the time authorized for the completion of the works and making beneficial use of water as required under CL 18480, to December 31, 1957.

**Jan 24, 1958** The Department of Indian Affairs applied for a Final License in substitution of CL 18480, declaring that the works had been completed and the water beneficially used.

### Current Status:

CL 18480, held by the Lower Nicola Band, is the only license active on Mameet Spring, and is thus first in priority rights on the Spring.

The Water Survey of Canada has no streamflow records for Mameet Spring. No alternative sources of water availability data for the Spring were located during this investigation.

**Notes:**

1. In 1958 a Final License was requested in substitution of CL 18480. A Final License survey has not been carried out.

## Meadow Creek

### History:

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| **Nov 21, 1923** | The Comptroller of Water Rights issued CL 7240 to an Indian Agent on behalf of the Lower Nicola Band. CL 7240 was assigned a precedence date of June 21, 1923 and authorizes the diversion of 100 acre feet per year for irrigation, from Guichon and Meadow Creeks, from the period extending from April 1 to September 30. Of the total volume allocated, 1000 gallons per day was available, year-round, for domestic applications. The appurtenant lands are defined as 50 acres of Pipseul No. 3. |
| **Nov 10, 1934** | The Comptroller of Water Rights issued FL 8998 in substitution of CL 7240, to Indian Affairs. FL 8998 bears a precedence date of June 21, 1923. The license authorizes the diversion of 100 acre feet per year (76 acre feet from Guichon Creek and 24 acre feet from Meadow Creek) for irrigation purposes, from April 1 to September 30. Of the 100 acre feet, 1000 gallons a day may be used for domestic purposes. The appurtenant lands are specified as 50 acres of Pipseul No. 3. |

### Current Status:

There are 5 licenses active on Meadow Creek. Of the 5 licenses:

- 4 authorize the use of water for irrigation purposes, at a total of 545 acre feet per year, from April 1 to September 30.

- 1 authorizes the use of water for combined domestic and irrigation purposes, at 1,000 gallons per day, year-round for domestic use, and 100 acre feet per year (from April 1 to September 30), for irrigation use.

The Lower Nicola Band holds FL 8998, which is fifth in priority on Meadow Creek.

An application for a water license on Meadow Creek has been refused, due to insufficient water.

**Notes:**

1. There are no additional notes with respect to the rights of the Lower Nicola Band on Meadow Creek.

## Morgan Creek and an unnamed creek

**History:**

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| **Nov 20, 1923** | The Comptroller of Water Rights issued CL 7241 to an Indian Agent, bearing a precedence date of June 21, 1923, and authorizing the diversion of 180 acre feet per year (from April 1 to September 30) for irrigation purposes, from two creeks in the Nicola Mameet No. 1 Reserve. Of the 180 acre feet allocated 1500 gallons a day was authorized for year-round domestic use. The appurtenant land was specified as 72 acres of Nicola Mameet No. 1. The northern-most creek displayed on the associated plan, appears to be Morgan Creek. |
| **Mar 7, 1933** | The Water Board issued Board Order No. 12495, which canceled CL 7241. The cancellation occurred as it was determined that the licensee had, for three successive years, failed to make beneficial use of the water.<br>No further details regarding the cancellation of CL 7241 can be established, as the file was destroyed. |
| **Jan 3, 1949** | The Comptroller of Water Rights issued CL 18873 to the Director of Indian Affairs, bearing a precedence date of June 3, 1948, and authorizing the storage of 63 acre feet per year, from October 1 to June 15. The appurtenant lands are specified in CL 18872. |

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| **Jan 3, 1949** | The Comptroller of Water Rights issued CL 18872 to the Director of Indian Affairs, bearing a precedence date of June 3, 1948, and authorizing the diversion of 75 acre feet per year, from April 1 to September 30, for the irrigation of 30 acres of Nicola Mameet No. 1. |
| **Apr 12, 1957** | The Comptroller of Water Rights issued an Order to extend the time for the completion of works and for making beneficial use of the water authorized under CL 18873 to December 31, 1958. |
| **Apr 12, 1957** | The Comptroller of Water Rights issued an Order to extend the time for the completion of works and for making beneficial use of the water authorized under CL 18872 to December 31, 1958. |
| **Jun 30, 1959** | The Comptroller of Water Rights issued an Order to extend the time for the completion of works and for making beneficial use of the water authorized under CL 18873 to December 31, 1961. |
| **Jun 30, 1959** | The Deputy Comptroller of Water Rights issued an Order to extend the time for the completion of works and for making beneficial use of the water authorized under CL 18872 until December 31, 1961. |
| **Jan 19, 1962** | The Indian Commissioner for B.C. filed a Request for a Final License in substitution of CL 18872. |
| **Mar 12, 1962** | CL 18873 is listed as abandoned. Additional information pertaining to the details surrounding the abandonment of this license cannot be located as the associated file was destroyed prior to 1965. |
| **Feb 19, 1976** | In a memo addressed to the Comptroller of Water Rights, the Regional Engineer in Kamloops stated that an investigation had been completed to assess the feasibility of constructing a storage structure to provide water in support of CL 18872. The investigation concluded that the project, as described, was feasible. |

**Current Status:**

CL 18872, held by the Lower Nicola Band, is the only license active on Morgan Creek. As such, CL 18872 is first in priority on the Creek.

The Water Survey of Canada has no streamflow records for Morgan Creek. No alternate sources of water availability data were located over the course of this review. No water availability information was located for the unnamed creek.

**Notes:**

1. The abandonment of Conditional License 18873 resulted in a loss of licensed rights for the Lower Nicola Band on Morgan Creek.
2. The cancellation of Conditional License 7241 resulted in a loss of licensed water rights for the Lower Nicola Band on 2 unnamed Creeks located above the Nicola Mameet Reserve No. 1.

## Nicola River

### History:

**Sept 5, 1878** The Minute of Decision of the Indian Reserve Commission allocated 225 inches* of water from the lower Nicola River, for the use of the Lower Nicola Indians. It is unclear which reserve this allocation is pertinent to, but it seems likely that it was intended for Nicola Mameet No. 1.

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

**Dec 5, 1994** A Band member applied for a Conditional Water License (application Z 109169) to divert 500 gallons a day of water from the Nicola River, for domestic use. The appurtenant lands are specified as Lot C in Nicola Mameet No. 1.

Application Z109169 remains outstanding.

### Current Status:

There are 95 active licenses on the Nicola River. Of the 95 licenses:

- 1 authorizes the use of water for domestic purposes;
- 69 authorize the use of water for irrigation purposes;
- 8 authorize the use of water for combined domestic and irrigation purposes;
- 3 authorize the use of water for stockwatering purposes;
- 1 authorizes the use of water for combined residential power and irrigation purposes;
- 1 authorizes the use of water for mining, processing ore purposes;
- 2 authorize the use of water for processing;
- 1 authorizes the use of water for irrigation by a local authority;

- 1 authorizes the use of water for non-power storage;
- 1 authorizes the use of water for combined non-power storage and irrigation purposes;
- 1 authorizes the use of water for combined non-power storage and conservation use;
- 4 authorize the storage of water for conservation purposes;
- 1 authorizes the use of water for construction of works for conservation purposes;

The Lower Nicola Band does not have an active license on the Nicola River, but an application Z109169, requesting authorization for the diversion and use of 500 gallons of water per day, was filed in December 1994. The application is still outstanding.

The Water Survey of Canada has streamflow records for Nicola River from Station 08LG043 (Nicola Power Canal at Nicola), Station 08LG049 (Nicola River above Nicola Lake), Station 08LG013 (Nicola River at Nicola), Station 08LG065 (Nicola River at outlet of Nicola Lake), Station 08LG028 (Nicola River near Douglas Lake), Station 08LG047 (Nicola River near Lower Nicola), Station 08LG007 (Nicola River near Merritt), and Station 08LG006 (Nicola River near Spences Bridge). The most useful records in terms of determining water availability for the Lower Nicola Band on the river, are from Station 08LG006 (Nicola River near Spences Bridge). Station 08LG006 has recorded flows at various times from 1911 to 1920, and 1957 to 1990. During the periods recorded, a low mean monthly flow of 6.58 cubic metres per second was recorded in September, which rose to a high mean monthly flow of 93.6 cubic metres per second, in June. The data reports that ice conditions are sometimes present, usually in December or January.

The Nicola River is listed as fully recorded for all purposes. Water Management Branch records indicate that all applications on the Nicola River and its tributaries are to be held in abeyance.

**Notes:**

1. The Lower Nicola Band's rights to the waters off the Lower Nicola River, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.

2. Application Z 109169 has been outstanding since December 1994. The application may not be granted as the Nicola River is listed as fully recorded.

## Perry Spring

### History:

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| **Nov 20, 1923** | In accordance with an application filed by an Indian Agent acting on behalf of the Lower Nicola Band, the Comptroller of Water Rights issued CL 7243. CL 7243 was assigned a precedence date of June 21, 1923. The license authorized the diversion of 250 acre feet per year for irrigation purposes, from two un-named springs, "V" and "W" ("W" being later named Perry Spring). Of the total volume allocated, 1000 gallons of water a day was authorized for domestic application, during the period extending from April 1 to September 30. The appurtenant lands were specified as 100 acres of Nicola Mameet No. 1. |
| **Nov 26, 1940** | In a Report for a Final License, the District Engineer reported that 31 acres of land was being irrigated under CL 7243, and that the spring at intake "V" was being used for stockwatering purposes only. The report went on further to state that the flow from Spring "V" was in excess of 2 cubic feet per second at the point where it crossed the C.P.R.. Spring "V" was estimated to be too low in elevation to cover the arable land. |
| **Feb 15, 1941** | The Comptroller of Water Rights issued FL 11228 (in substitution of CL 7243) to Indian Affairs, bearing a precedence date of June 21, 1923. The license authorizes the diversion of 62 acre feet per year for irrigation from Spring "W" (Perry Spring), for the period extending from April 1 to September 30. The appurtenant lands are specified as 31 acres of the southerly part of Nicola Mameet No. 1. |
| **Nov 23, 1984** | The spring referred to in FL 11228 was assigned the name "Perry Spring". |

### Current Status:

FL 11228, held by the Lower Nicola Band, is the only license active on Perry Spring. Accordingly, the Lower Nicola Band has first priority rights on the Spring.

The Water Survey of Canada has no streamflow records for Perry Spring. No additional sources of water availability data on the Spring were located during the course of this review.

**Notes:**

1. The issue of Final Water License 11228, in substitution of Conditional Water License 7243, resulted in a loss of licensed water rights for the Lower Nicola Band on Perry Spring.

## Pony Creek

### History:

**May 11, 1922** The Board of Investigations, through an Order of the Board numbered 4488, set out that a Conditional License should be issued which would:

i) provide for the diversion of water from Pony Creek and Waterfall Creek;
ii) take precedence from May 2, 1869; and
iii) authorize the diversion of 612 acre feet per year for the irrigation of 204 acres of Speous No. 8, from May 1 to September 30. Of the total volume allocated, 2000 gallons of water per day was authorized for year-round domestic applications.

**Dec 1, 1922** The Comptroller of Water Rights issued CL 6652, which embodies the terms and conditions set out in Board Order 4488.

**Nov 1, 1927** A note was made on the original Board Order by the Board of Investigation. The notation indicated that the time authorized for the completion of works and the irrigation of lands as required in the Board Order, was extended to September 30, 1928. No official Order has been located verifying this notation.

**Dec 23, 1933** In an Engineer's Report for a Final License, the District Engineer reported that no irrigation had been practiced on the Reserve for some years. The Engineer estimated that 42 acres had been irrigated previously, but irrigation had not taken place for some time.

**Nov 20, 1934** The Comptroller of Water Rights issued FL 9153 in partial substitution of CL 6652, to the Department of Indian Affairs. FL 9153 was assigned a precedence date of May 2, 1889 and authorizes the diversion of 63 acre feet per year from Pony Creek for irrigation, for the period extending from May 1 to September 30. Of the 63 acre feet allocated, 1,000 gallons per day was authorized for domestic purposes. The domestic allocation was available throughout the year. The appurtenant lands were specified as 42 acres of the easterly portion of Speous No. 8.

In conjunction with FL 9153, Permit No. 9589 was issued. Permit No. 9589 authorizes the occupation of 0.68 acres of Crown land, measuring 1975 feet in length and 15 feet in width.

FL 9154 was also issued in partial substitution of CL 6652. FL 9154 authorizes diversion and use from Waterfall Creek. The license is described in greater detail under the history of Waterfall Creek.

## Current Status:

There are 2 licenses active on Pony Creek. FL 66900 is held by a private party and authorizes the annual use of 35 acre feet for irrigation. The water can only be taken during the period extending from April 1 to September 30. FL 9153 is held by the Lower Nicola Band, and is first in priority on the Creek.

The Water Survey of Canada has no records of streamflow for Pony Creek. No alternate sources of water availability data for the Creek were located, as a function of this review.

### Notes:

1. The issue of Final Water Licenses 9153 and 9154, in partial substitution of Conditional Water License 6652, resulted in a loss of licensed water rights for the Lower Nicola Band on Pony Creek.

## Pye Creek

### History:

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| **Dec 10, 1936** | In accordance with an application filed by Indian Affairs, the Comptroller of Water Rights issued CL 13102, bearing a precedence date of October 27, 1936. CL 13102 authorizes the storage of 30 acre feet of water per year, from October 1 to June 15. The terms of the license are as cited in FL 9072; the water is to be used for irrigation and incidental domestic applications on 30 acres of Joeyaska No. 2. |
| **Mar 3, 1939** | The Comptroller of Water Rights issued an Order which extended the time authorized for the completion of works and for the beneficial use of water as required under CL 13102, to December 31, 1939. |
| **Feb 15, 1940** | An Indian Agent filed a Proof of Completion form, stating that flumes and ditches were constructed in March 1939 as required under CL 13102. In the form the Agent reported that it had been a very dry season and insufficient water was available to make full use of the works. |
| **Nov 25, 1980** | In a letter to the Comptroller of Water Rights, the Kamloops Regional Water Resource Manager stated that no reservoir works had ever been constructed as required under CL 13102. As such the license was subject to cancellation. The Regional Manager stated that it would be more practical for the licensee to create the required storage on Pye Creek under CL 13102 to support FL 9072, than to attempt to construct works to Spanish Creek, which the Band was considering.<br>He requested the Comptroller of Water Rights proceed with the cancellation of the Spanish Creek portion of FL 9072.<br>This request was never acted on. Refer to the March 31, 1981 memo (page 14) under the history of Godey and Spanish Creeks for more information on this issue. |

### Current Status:

CL 13102, held by the Lower Nicola Band, is the only license active on Pye Creek. Accordingly CL 13102 holds first priority rights for the Lower Nicola Band on the Creek.

The Water Survey of Canada has no streamflow records for Pye Creek. No alternate sources of water availability data were located during the course of this review.

**Notes:**

1. There are no additional notes with respect to the rights of the Lower Nicola Band on Pye Creek.

## Quilchena Creek

### History:

**Sept 12, 1878** A Minute of Decision of the Indian Reserve Commission allocated for the use of the Lower Nicola Indians, 10 inches* of water from Hamilton's or McDonald's Creek, which has been tentatively identified as Quilchena Creek.

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

**May 11, 1922** The Board of Investigation, through an Order of the Board numbered 7886, set out that a Conditional Water License (hereafter referred to as CL) should be issued which would:

i) state the source of water supply as Quilchena Creek;
ii) take precedence from May 2, 1889; and
iii) authorize the diversion and use of 512 acre feet of water per year for the irrigation of 256 acres of Hamilton Creek No. 7. The water was authorized for use from May 1 to September 30. Of the total volume allocated, 5,000 gallons of water per day, year-round was authorized for domestic applications.

**May 11, 1922** The Board of Investigations, through an Order of the Board numbered 3715, set out that a Conditional Water License should be issued which would:

i) provide for the diversion of water from Quilchena Creek and its tributary, Logan's Creek;
ii) take precedence from May 2, 1889; and
iii) authorize the diversion of 68 acre feet per year for the irrigation of 34 acres of Logan No. 6, from May 1 to September 30. Of the total 68 acre feet allocated 500 gallons per day, year round, was authorized for domestic application.

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| **Dec 1, 1922** | The Comptroller of Water Rights issued CL 6645, which embodied the terms and conditions set out in Board Order 7886. |
| **Dec 1, 1922** | The Comptroller of Water Rights issued CL 6646, which embodied the terms and conditions set out in Board Order 3715. |
| **Nov 1, 1927** | A note on the original Board Orders, No.'s 3715 and 7886, recorded by the Board of Investigation, stated that the time authorized for the completion of works and the irrigation of lands, as set out in the respective Board Orders was extended to September 30, 1928. No official Orders were recorded reflecting this notation. |
| **Sept 30, 1928** | A note on the original Board Orders, No.'s 3715 and 7886, recorded by the Board of Investigation, stated that the time authorized for the completion of works and the irrigation of lands, as required under the respective Board Orders, was extended to September 30, 1929. No official Orders were recorded reflecting this notation. |
| **Sept 30, 1929** | A note on the original Board Orders, No.'s 3715 and 7886, recorded by the Board of Investigation, stated that the time authorized for the completion of works and the irrigation of lands, as required under the respective Board Orders, was extended to September 30, 1928. No official Orders were recorded to reflect this notation. |
| **Dec 20, 1932** | The Comptroller of Water Rights notified Indian Affairs that the holders of CL 6646 had failed to prove to his satisfaction that the construction of required works had been initiated within the time fixed. Further to this information, the Comptroller stated that on the 24th day of January, 1933, he proposed to make an Order rendering CL 6646 null and void. The cancellation of the license was proposed for the 24th day of February, 1933. |
| **Jan 21, 1939** | An Indian Agent filed a Proof of Completion form regarding CL 6645 which declared that 250 acres of land had been irrigated, utilizing approximately 500 acre feet of water. The Agent estimated that an additional 5000 gallons per day had been used for domestic applications and stock watering. |
| **Jan 23, 1939** | An Indian Agent filed a Proof of Completion form regarding CL 6646 which stated that 10 acres of land had been irrigated, and approximately 500 gallons a day used for incidental domestic applications under CL 6646. |

The Agent further indicated that he had applied for a Final License authorizing the use of 25 acre feet from Logan Creek, on behaf of the Lower Nicola Band. The additional water was required as existing rights on Quilchena Creek could not be exercised because the Creek bench was too high.

**Nov 8, 1939** In a Report for a Final License regarding CL 6645, the District Engineer reported that 108.6 acres of land had been irrigated. He stated that no use had been made of Springs "E", "F", and "G", located within the boundaries of the Reserve, though some use was being made of the water located outside the boundaries. At the time of his inspection, Spring "E" was dry and no evidence of a diversion existed.

**Dec 15, 1939** The Comptroller of Water Rights issued FL 10821, in substitution of CL 6645, to the Director of Indian Affairs. CL 6645 was assigned a precedence date of May 2, 1889, and authorized the diversion of 217.2 acre feet per year for irrigation, from May 1 to September 30. The appurtenant lands were defined as 108.6 acres of Lower Nicola Reserve No. 7 (Hamilton Creek No. 7).

**Jan 3, 1940** In a Report For a Final License regarding CL 6646, the District Engineer reported that 5 acres were being irrigated, less than the total area authorized under the license. Logan Creek was dry at the time of the inspection, which was conducted in August 1939.

**Feb 15, 1940** The Comptroller of Water Rights issued FL 10856 in substitution of CL 6646. The license authorizes the diversion of water from Logan Creek only. It is described in greater detail under the history of Logan Creek.

### Current Status:

There are 11 licenses active on Quilchena Creek. Of the 11 licenses:

- 6 authorize the use of water for combined domestic and irrigation purposes, for a total of 9,000 gallons per day, year round for domestic use, and a total of 1557 acre feet per year, from April 1 to September 30, for irrigation use.
- 3 authorize the use of water for irrigation purposes, for a total of 541 acre feet per year, to be used during the period extending from April 1 to September 30.
- 1 authorizes the storage of water for conservation purpose, for 98 acre feet per year, during the period extending from October 1 to June 15
- 1 authorizes the use of water for combined non-power storage and irrigation purposes; 257 acre feet per year (from October 1 to June 15) may be stored, while 257 acre feet per year (from April 1 to September 30) may be used for irrigation purposes.

FL 10821, registered to the Lower Nicola Band, is fifth in priority on Quilchena Creek.

The Water Survey of Canada has streamflow records for Quilchena Creek from Station No. 08LG017 at Quilchena. Data was recorded from Station No. 08LG017 in 1933, and 1965 to 1975, during the periods extending from April to September or November. The records, although incomplete, report that a low mean monthly flow of 0.177 cubic metres per second occurred in September, rising to a high mean monthly flow of 4.68 cubic metres per second, in June.

Quilchena Creek is listed as "fully recorded" for all purposes without the provisions of full backup storage.

**Notes:**

1. The allocations of water authorized under Conditional Licenses 6645 and 6646 (Board Orders 7886 and 3715), are inconsistent with the 1878 allocations of the Indian Reserve Commission.
2. The Lower Nicola Band's rights to the waters of Quilchena Creek, as allocated by the Indian Reserve Commission, have not been formally recognized by the Province.
3. The issue of Final Water Licenses 10821 and 10856, in substitution of Conditional Water Licenses 6656 and 6646, resulted in a loss of licensed water rights for the Lower Nicola Band on Quilchena Creek.

## Shuta Creek

**May 11, 1922** The Board of Investigations, through a Board Order numbered 1261, set out that a Conditional License should be issued which would:

i) provide for the diversion of water from Clapperton Creek and Shuta Creek;
ii) take precedence from May 2, 1889; and
iii) authorize diversion of 415 acre feet per year, from May 1 to September 30, for the irrigation of 166 acres of Zoht No. 4. Of the total 415 acre feet allocated 2,500 gallons of water per day was recommended to be made available for domestic application, year-round.

**Dec 1, 1922** The Comptroller of Water Rights issued CL 6651, which embodied the terms and conditions of Board Order No. 1261.

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| **Nov 1, 1927** | A note recorded on the original Board Order No. 1261 by the Board of Investigation, stated that the time authorized for the completion of works and the irrigation of lands as required under the Board Order, was extended to September 30, 1928. No official Order was recorded to reflect this notation. |
| **Sept 30, 1928** | A note recorded on the original Board Order No. 1261 by the Board of Investigation, stated that the time authorized for the completion of works and the irrigation of lands as required under the Board Order, was extended to September 30, 1929. No official Order was recorded to reflect this notation. |
| **Sept 30, 1929** | A note recorded on the original Board Order No. 1261 by the Board of Investigation, stated that the time authorized for the completion of works and the irrigation of lands as required under the Board Order, was extended to September 30, 1930. No official Order was recorded to reflect this notation. |
| **Dec 23, 1933** | In an Engineer's Report for a Final License, the District Engineer reported that 112 acres were irrigated under CL 6651, less than the full area authorized under the license. |
| **Nov 20, 1934** | The Comptroller of Water Rights issued two licenses in substitution of CL 6651:<br>i) FL 9002: in partial substitution of CL 6651, to the Department of Indian Affairs. FL 9002 was assigned a precedence date of May 2, 1889. The license authorizes the diversion of 270 acre feet per year from Shuta Creek for irrigation purposes, from April 1 to September 30. Of the total 270 acre feet allocated, 1,000 gallons a day is authorized for domestic application, year-round. The appurtenant lands are specified as 90 acres of the northerly portion of Zoht No. 4.<br>ii) FL 9003: in partial substitution of CL 6651, authorizing the diversion of water from Clapperton Creek. CL 6651 is described in detail under the history of Clapperton Creek. |

## Current Status:

There are 2 licenses active on Shuta Creek. FL 9002 is held by the Lower Nicola Band and has first priority rights on the Creek. CL 13194 is held by Coquihalla Developments Corporation and authorizes the use of 5,000 acre feet per year for irrigation purposes, from April 1 to September 30.

The Water Survey of Canada has no streamflow records for Shuta Creek. No alternate sources of water availability information were located during the course of this review.

**Notes:**

1. The issue of Final Water License's 9002 and 9003, in substitution of Conditional Water License 6651, resulted in a loss of licensed water rights for the Lower Nicola Band on Shuta Creek.

## Steffens Creek

### History:

**Dec 5, 1923** In accordance with an application made by an Indian Agent, the Comptroller of Water Rights issued CL 7291, bearing a precedence date of June 21, 1923. The license authorized the diversion of 500 acre feet per year, valid from April 1 to September 30, for the irrigation of 200 acres of Nicola Mameet No. 1. Of the total 500 acre feet allocated, 1000 gallons per day, year round, was made available for domestic application.

In conjunction with CL 7291 a Permit authorizing the occupation of 1.03 acres of unoccupied Crown lands measuring 3000 ft long and 15 ft wide, was issued.

**Oct 13, 1930** In a Proof of Completion form, an Indian Agent acting on behalf of the Lower Nicola Band reported that 112 acre feet was utilized for the irrigation of 25 acres, as authorized under CL 7291. The Agent reported that at the point of diversion associated with CL 7291, sufficient water was not available to fill the licensed allocation.

**Mar 3, 1939** A letter to C.E. Webb at the Dominion Water and Power Bureau, from the Comptroller of Water Rights states that a copy of an order extending the time for the completion of works and putting the water to beneficial use as required under CL 7291, would be enclosed. No copy of the order referenced appears in Water Management files.

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| **Feb 10, 1942** | The Comptroller of Water Rights issued FL 11585, in substitution of CL 7291, to Indian Affairs. FL 11585 was assigned a precedence date of June 21, 1923 and authorizes the diversion of 76.25 acre feet per year for irrigation purposes, from April 1 to September 30. The appurtenant lands are defined as 30.5 acres of the northerly portion of Nicola Mameet No. 1. |
| **July 22, 1992** | The Regional Water Manager issued CL 68635 to the Lower Nicola Band, in substitution of FL 11585. The details on CL 68635 remain the same as on FL 11585, except for clause (h). In CL 68635 clause (h) was amended and lists the authorized works as a diversion structure, ditch, junction box, pipe and sprinkler system. |

**Current Status:**

There are 7 licenses active on Steffens Creek. Of the licenses;

- 1 authorizes the use of water for combined domestic and irrigation purpose, at 500 gallons per day, year-round for domestic use, and 200.5 acre feet per year, from April 1 to September 30, for irrigation application.
- 3 authorize the use of water for irrigation purpose, for a total of 223.75 acre feet per year, for the period extending from April 1 to September 30.
- 2 authorize the use of water for combined non-power storage and irrigation purposes, for a total of 315 acre feet per year (from October 1 to June 15) for storage, and 315 acre feet per year (from April 1 to September 30) for irrigation.
- 1 authorizes the use of water for non-power storage, for 180 acre feet per year, from October 1 to June 15.

The Lower Nicola Band holds two licenses on this creek: CL 68635, which is third in priority on this source, and CL 68634, which is seventh in priority on this source.

The Water Survey of Canada has no streamflow records for Steffens Creek. No alternate sources of water availability on Steffens Creek were located during this review.

**Notes:**

1. The issue of Final Water License 11585 in substitution of Conditional Water License 7291 resulted in a loss of licensed water rights for the Lower Nicola Band on Steffens Creek.

## Waterfall Creek

### History:

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|---|---|
| **May 11, 1922** | The Board of Determination, through an Order of the Board numbered 4488, set out that a Conditional License should be issued which would:<br>i) provide for the diversion of water from Pony Creek and Waterfall Creek;<br>ii) take precedence from May 2, 1889; and<br>iii) authorize the diversion of 612 acre feet per year for the irrigation of 204 acres of Speous No. 8, from May 1 to September 30. Of the total 612 acre feet allocated it was recommended that 2000 gallons of water a day be made available year-round for domestic purposes. |
| **Dec 1, 1922** | The Comptroller of Water Rights issued CL 6652, which embodies the terms and conditions set out in Board Order 4488. |
| **Nov 1, 1927** | A note recorded on the original Board Order No. 4488 by the Board of Investigation, stated that the time authorized for the completion of works and the irrigation of lands as required under the Board Order, was extended to September 30, 1928. No official Order was recorded to reflect this notation. |
| **Dec 23, 1933** | In an Engineer's Report for a Final License, the District Engineer reported that no irrigation had occurred on the Reserve (Speous No. 8) for a number of years. Previous to this report, there was indication that 42 acres of Speous No. 8 had been irrigated under CL 6652. |
| **Feb 12, 1935** | The Comptroller of Water Rights issued FL 9154 in partial substitution of CL 6652, to the Department of Indian Affairs, bearing a precedence date of May 2, 1889. FL 9154 authorized the diversion of 63 acre feet per year from Waterfall Creek, for the period extending from May 1 to September 30, for the irrigation of 42 acres of the easterly portion of Speous No. 8. Of the total 63 acre feet allocated, 1,000 gallons per day was made available for domestic purposes. |
| **Feb 12, 1935** | The Comptroller of Water Rights issued FL 9153 in partial substitution of CL 6652, authorizing the diversion of water on Pony Creek. This license is described in detail under the history of Pony Creek. |

Current Status:

FL 9154, held by the Lower Nicola Band, is the only license active on Waterfall Creek. As such, FL 9154 holds first priority rights for the Band on Waterfall Creek.

The Water Survey of Canada has no streamflow records for Waterfall Creek. No other sources of water availability information were located during this review.

Notes:

1. The issue of Final Water Licenses 9153 and 9154, in substitution of Conditional Water License 6652, resulted in a loss of licensed water rights for the Lower Nicola Band on Waterfall Creek.

## OTHER INFORMATION:

### Alternate Water Sources

#### i. Groundwater Records

A review of records maintained by the MELP - Groundwater Section found that 20 wells have been reported on Nicola Mameet No. 1, 1 well on Joeyaska No. 2, 1 well on Zoht No. 4, and 1 well on Speous No. 8. No wells were reported on either Hamilton Creek No. 7, Pipseul No. 3, or Logan's No. 6.

Of the wells reports that provided yield figures, production ranged from 2 gallons per minute to 250 gallons per minute. The extent to which the wells are currently utilized is unknown. Further details have been appended to the report.

As the provision well information is voluntary, the summary provided above should not be assumed to be complete.

#### ii. Municipal Water Supply

The City of Merritt has licenses to obtain water from the Coldwater River and Nicola River for waterworks and irrigation purposes. Reports on water consumption in 1994 indicate that the City obtained all of its water needs from groundwater in that year. This leaves a surplus of 703,538,000 imperial gallons per year for waterworks, and 150 acre feet per year for irrigation applications.

The proximity of Nicola Mameet No. 1 and Joeyaska No. 2 to the City of Merritt presents the potential for water supply to the reserves via connection to the municipal water system. It is unlikely this would occur as the population of both reserves is currently too low to justify the cost of connection.

## Summary of Water Records

## Lower Nicola First Nation

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Chartrand Creek | 1910/05/31 | Pipseul #3 | 265397 | CL 61139 | Current | | 500 GAD/Domestic<br>50 AF/Irrigation | CL 61139: **Priority 1** - Chartrand Creek. |
| Clapperton's Creek | 1878/09/11 | | | MOD | | | "200 inches" Converted equivalent = 611 AF (AGBC #590454) | **IRC Allocations:** Not formally recognized by the Province.<br>**Source of supply** - **"Dalleys Creek"**: Dalley's Creek is currently known as **Clapperton Creek.** |
| Clapperton Creek, Shuta Creek | 1889/05/02 | Zoht #4 | 1261 | CL 6651 | Superceded | FL 9002<br>FL 9003 | 2,500 GAD/Domestic<br>415 AF/Irrigation | CL 6651: Embodied recommendations set out in **Board Order 1261**. |
| Clapperton Creek | 1889/05/02 | Zoht #4 | 241030 | FL 9003 | Current | | 66 AF/Irrigation<br>1,000 GAD/Irrigation | |
| Godey Creek | 1878/09/12 | | | MOD | | | "20 inches" Converted equivalent = 122 AF (AGBC #590454) | **IRC Allocations:** Not formally recognized by the Province.<br>**Source of supply** - **"Joeyaska's Creek"**: Joeyaska's Cr. is assumed to be the Creek reffered to as **"Godey Creek"**. |
| Gody Creek | 1889/05/02 | Joeyaska #2 | 4525 | CL 6654 | Cancelled | | 6,000 GAD/Domestic<br>135 AF/Irrigation | CL 6654: Based on recommendations contained in **Board Order 4525.**<br>CL 6654 - Cancelled 9 Sept 1934: Circumstances surrounding cancellation unknown; associated **file destroyed** in 1945. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Gody Creek, Spanish Creek | 1923/06/21 | Joeyaska #2 | 47919 | CL 7242 | Superceded | FL 9072 | 2000 GAD/Domestic<br>235 AF/Irrigation | CL 7242 - Source of Supply: Initially listed **"Ainsworth Spring"**; identified in 1974 as **Spanish Creek**. |
| Godey Creek, Spanish Creek | 1923/06/21 | Joeyaska #2 | 47919 | FL 9072 | Current |  | 2,000 GAD/Domestic<br>75 AF/Irrigation | FL 9072 - Source of Supply: Spanish Creek listed as **"Fully Recorded"**.<br>Formal Objection - precedence date: Band believes date on Spanish and Godey Creeks should be **2 May 1889**. |
| Guichon Creek | 1878/09/05 | Nicola Mameet #1 |  | MOD |  |  | "800 inches"<br>Converted equivalent = 4888 AF<br>(AGBC #590454) | **IRC Allocations:** Not formally recognized by the Province.<br>**Source of supply** - **"Mameet River"**: Mameet River is assumed to be the Creek currently reffered to as **"Guichon Creek"**. |
| Guichon Creek | 1889/05/02 | Nicola Mameet #1 | 4774 | CL 6655 | Superceded | FL 8229 | 15,000 GAD/Domestic<br>2,250 AF/Irrigation | CL 6655: Based on recommendations contained in **Board Order 4774**. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Guichon Creek | 1889/05/02 | Nicola Mameet #1 | 241031 | FL 8229 | Current |  | 1,185 AF/Irrigation<br>15,000 GAD/Domestic | FL 8229 - "Community Watershed": amendment to waterworks would qualify the **Guichon Creek Drainage Area** for designation as **Commmunity Watershed** under provisions contained in Forest Practices Code. |
| Guichon Creek, Meadow Creek | 1923/06/21 | Pipseul #3 | 47921 | CL 7240 | Superceded | FL 8998 | 100 AF/Irrigation<br>1,000 GAD/Domestic |  |
| Guichon Creek, Meadow Creek | 1923/06/21 | Pipseul #3 | 47921 | FL 8998 | Current |  | 100 AF/Irrigation<br>1,000 GAD/Domestic |  |
| Guichon Creek | 1920/10/21 | Nicola Mameet #1 | 26176 | CL 7275 | Superceded | FL 8935 | 1,125 AF/Storage<br>(Storage - in support - CL 6655) |  |
| Guichon Creek | 1920/10/21 | Nicola Mameet #1 | 26176 | FL 8935 | Current |  | 948 AF/Storage<br>(Storage - in support - FL 8229) |  |
| Hector Creek | 1989/07/20 | Nicola Mameet #1 | 3001496 | CL 68634 | Current |  | 295 AF/Irrigation<br>295 AF/Storage | CL 68634: **Priority 7** - Hector Creek. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Logan's Creek | 1878/09/12 | | | MOD | | | *"10 inches from a stream flowing west into Hamilton's Creek through Logans Reserve"* Converted equivalent = 61 AF (AGBC #590454) | **IRC Allocations:** Not formally recognized by the Province.<br>**Source of supply** - **"stream flowing west"**: from the description provided it would appear that the stream described is Logan's Creek. |
| Logans Creek, Quilchena Creek | 1889/05/02 | Logan's #6 | 3715 | CL 6646 | Superceded | FL 10856 | 500 GAD/Domestic<br>68 AF/Irrigation | CL 6646: Based on recommendations contained in **Board Order 3715** |
| Logans Creek | 1889/05/02 | Logan's #6 | 241028 | FL 10856 | Current | | 10 AF/Irrigation | FL 10856: **Priority 1** - Logan's Creek. |
| Mameet Spring | 1923/06/21 | Nicola Mameet #1 | 47918 | CL 7243 | Superceded | FL 11228 | 1,000 GAD/Domestic<br>250 AF/Irrigation | Source: specified as **"V" and "W" Spring** in original license ; from description provided "V" Springs appears to be **Mameet Spring.** |
| Mameet Spring | 1948/02/23 | Nicola Mameet #1 | 172434 | CL 18480 | Current | | 250 AF/Irrigation | CL 18480: **Priority 1** - Mameet Spring. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Morgan Creek, Unnamed Creek | 1923/06/21 | Nicola Mameet #1 | 47922 | CL 7241 | Canceled |  | 1,500 GAD/Domestic<br>180 AF/Irrigation | Source: specified as "*two creeks in the Nicola Maneet No. 1 Reserve*"; from associated plat the northern-most creek appears to be "**Morgan Creek**".<br>Cancelation - 7 March 1933: failure to make beneficial use of the water. |
| Morgan Creek | 1948/06/03 | Nicola Mameet #1 | 173794 | CL 18872 | Current |  | 75 AF/Irrigation | CL 18872: Feasability study concluded that storage facility could be constructed in support of licence; no record of construction. |
| Morgan Creek | 1948/06/03 | Nicola Mameet #1 | 173795 | CL 18873 | Abandoned |  | 63 AF/Irrigation | CL 18873: Appurtenant lands as specified in CL 1872<br>Abandoned-12 March 1962: File destroyed - no supporting details. |
| Nicola River | 1878/09/05 |  |  | MOD |  |  | *"225 inches from lower Nicola River"*<br>Converted equivalent = 1375 AF<br>(AGBC #590454) | **IRC Allocations:** Not formally recognized by the Province.<br>**Appurtenant Land** - not specified; appears to be Nicola Mameet No. 1. |
| Nicola River | 1994/12/05 | Nicola Mameet #1 | 3002818 | Z 109169 | Application |  | 500 GD/Domestic | Z 109169: May not be granted as Nicola River is listed as 'Fully Recorded'. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Perry Spring ("Springs V & W") | 1923/06/21 | Nicola Mameet #1 | 47918 | CL 7243 | Superceded | FL 11228 | 250 AF/Irrigation<br>1,000 GAD/Domestic | Source: Originally described as "Spring V and W"; Spring "W" was later re-named **Perrry Spring.** |
| Perry Spring | 1923/06/21 | Nicola Mameet #1 | 47918 | FL 11228 | Current | | 62 AF/Irrigation | FL 11228: Substitution of CL 7243 resulted in loss of licenced rights.<br>Priority 1 - **Perry Spring** |
| Pony Creek, Waterfall Creek | 1889/05/02 | Speous #8 | 4488 | CL 6652 | Superceded | FL 9153 /<br>FL 9154 | 2,000 GAD / Domestic<br>612 AF/Irrigation | CL 6652: Based on Board Order 4488.<br>Source: Specified as "Pony Creek" and "Waterfall |
| Pony Creek | 1889/05/02 | Speous #8 | 241034 | FL 9153 | Current | | 1,000 GAD/Domestic<br>63 AF/Irrigation | FL 9153: Permit No. 9589 issued in support; authorizes occupation of .68 acres of Crown land.<br>Substitution (20 Nov 1934): Resulted in loss of licenced rights. |
| Pye Creek | 1936/10/27 | Joeyaska #2 | 126702 | CL 13102 | Current | | 30 AF/Storage (storage for FL 9072) | Status: Cancellation of associated rights on FL 9072 (Spanish Cr) requested 25 Nov 1980; request not processed.<br>Priority 1 - Pye Creek. |
| Qilchena Creek | 1878/09/12 | | | MOD | | | *"10 inches from Hamilton's or McDonalds Creek"*. Converted equivalent 61 AF. (AGBC #590454) | IRC Allocations: Not formally recognized by the Province.<br>Source: Hamilton's/McDonald Cr. identified as Quilchena Cr. |

| Water Source | Priority Date | Reserve Name | File No. | Document Type | Status | Superceded By | Licence PUC/MOD & OIC Allotments | Comments |
|---|---|---|---|---|---|---|---|---|
| Quilchena Creek | 1889/05/02 | Hamilton Creek #7 | 7886 | CL 6645 | Superceded | FL 10821 | 5,000 GAD/Domestic<br>512 AF/Irrigation | CL 6645: Based on recommendations contained in **Board Order 7886** |
| Quilchena Creek | 1889/05/02 | Hamilton Creek #7 | 241029 | FL 10821 | Current | | 217.2 AF/Irrigation | FL 10821: **Priority 5** - Quilchena Creek. |
| Quilchena Creek, Logans Creek | 1889/05/02 | Logan's #6 | 3715 | CL 6646 | Superceded | FL 10856 | 500 GAD/Domestic<br>68 AF/Irrigation | CL 6646: Based on recommendations contained in **Board Order 3715.**<br>Allocation: Inconsistent with original 1878 MOD from IRC. |
| Shuta Creek, Clapperton Creek | 1889/05/02 | Zoht #4 | 1261 | CL 6651 | Superceded | FL 9002<br>FL 9003 | 2,500 GAD/Domestic<br>415 AF/Irrigation | CL 6651: Embodied recommendations set out in **Board Order 1261**. |
| Shuta Creek | 1889/05/02 | Zoht #4 | 241030 | FL 9002 | Current | | 270 AF/Irrigation<br>1,000 GAD/Irrigation | FL 9002: Priority 1 - Shuta Creek. |
| Steffens Creek | 1923/06/21 | Nicola Mameet #1 | 47920 | CL 7291 | Superceded | FL 11585 | 1,000 GAD/Domestic<br>500 AF/Irrigation | |
| Steffens Creek | 1923/06/21 | Nicola Mameet #1 | 47920 | FL 11585 | Superceded | CL 68635 | 76.25 AF/Irrigation | FL 11585: Substitution (10 Feb 1942) resulted in loss |
| Steffens Creek | 1923/06/21 | Nicola Mameet #1 | 47920 | CL 68635 | Current | | 76.25 AF/Irrigation | |
| Waterfall Creek, Pony Creek | 1889/05/02 | Speous #8 | 4488 | CL 6652 | Superceded | FL 9153 /<br>FL 9154 | 2,000 GAD / Domestic<br>612 AF/Irrigation | CL 6652: Based on Board Order 4488.<br>Source: Specified as "Pony |
| Waterfall Creek | 1889/05/02 | Speous #8 | 241034 | FL 9154 | Current | | 63 AF/Irrigation<br>1,000 GAD/Domestic | FL 9154: Prioirty 1 - Waterfall Creek. |

LEGEND:

License Types (Document Types)
CL: Conditional License
FL: Final License
Z: Application

Mechanisms for Allocation (Document Type)
OIC: Order-in-Council (as issued by the Lieutenant Governor in Council)
MOD: Minute of Decision (as recorded under the Indian Reserve Commission)
IRC: Indian Reserve Commission
AGBC: Attorney Generals Office of BC (followed by File #)

Allotment Units
GAD: Gallons a day
AF: Acre feet
CFS: Cubic feet per second

# Lower Nicola Indians

(Nawissistkan's tribe)

| | Inches | Sources of Supply. |
|---|---|---|
| 5th Sept 1878 | 800 | Nicola River |
| 5th Sept 1878 | 225 | Lower Nicola River, that is Nicola River below Nicola Lake |
| 10th Sept 1878 | 200 | Cattley's Creek, otherwise called Clapperton's Creek. |
| 11th Sept 1878 | 20 | A little mountain stream known as Joeyaska's Creek flowing towards the Coldwater. |
| 12th Sept 1878 | 10 | Hamilton's or McDonald's Creek. |

| Inches | Sources of Supply. |
|---|---|
| 10 | A little stream flowing from the west into Hamilton's Creek, through Logan's Reserve. |

**Province of British Columbia**
**Ministry of Environment, Lands and Parks**
**Water Management**

# WATER LICENCE APPLICATION
**Water Act, Section 8**

**PLEASE REFER TO GUIDELINES WHEN COMPLETING THIS APPLICATION**

**1. NAME & MAILING ADDRESS**

| | | |
|---|---|---|
| SURNAME<br>CLAYTON | GIVEN NAME(S)<br>TERI VERONICA GAIL | |
| MAILING ADDRESS<br>Box 1348 | | |
| MERRITT BC. | | POSTAL CODE<br>VOK 2BO |
| BUSINESS / MESSAGE PHONE#<br>378-5157 | HOME PHONE#<br>378-6254 | FAX#<br>378-6188 |
| Do you hold another water Licence? Yes ☐ No ☒ | LICENCE / FILE NUMBERS (IF KNOWN) | |

**FOR OFFICE USE ONLY**

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KAMLOOPS, B.C.

N/C

32497 05 0416

| | |
|---|---|
| FILE# 3002818 | WLIS# Z109169 |

**2. PLACE OF USE – Legal description of property where water is to be used.**

LOT C LINDLEY CREEK ROAD
NICOLA MAMEET IR #1

| | | |
|---|---|---|
| TENURE TO LAND | Registered Owner ☐ BANDMEMBER | CERTIFICATE OF TITLE / PARCEL IDENTIFICATION NUMBER (PID#) |
| | LESSEE / OTHER:<br>LAND HOLDER | Copy of Legal Plan attached? Yes ☐ No ☒ |

**3. PURPOSE(S) & QUANTITY – Please refer to Schedule 1 – Water Purpose & Application Fees.**

Domestic 500 gallons per day

**4. SOURCE OF WATER**

NICOLA RIVER

DISCHARGES INTO

96 I 0162.3

**5. WORKS – Existing or proposed to divert and convey water to place of use.**

| | | | |
|---|---|---|---|
| a) DIVERSION WORKS | PROPOSED POINT OF DIVERSION LOCATION | | |
| | Pump ☒ Gravity Feed ☐ | LENGTH OF PIPE m | DIAMETER OF PIPE cm |
| | OTHER WORKS | | |
| b) STORAGE WORKS | PROPOSED RESERVOIR LOCATION | | |
| | VOLUME OF WATER STORED $m^3$ | DAM HEIGHT | AREA OF RESERVOIR ha |
| c) ADDITIONAL INFORMATION | Joint work with others? Yes ☐ No ☒ | IF YES, WITH WHOM? | |
| | Works constructed? Yes ☐ No ☐ Partially ☐ | | |

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WATER MANAGEMENT DIVISION
JAN 20 1995
FILE:

**6. LANDS AFFECTED – The works will physically affect (by crossing or flooding) the following lands:**

| | |
|---|---|
| LAND DESCRIPTION<br>50' of river bank | NAME OF OWNER (INCLUDING CROWN)<br>Lower Nicola Band<br>(letter attached) |

| | |
|---|---|
| APPLICANT / AGENT'S SIGNATURE<br>T. Clayton | DATE<br>Dec. 1/94 |

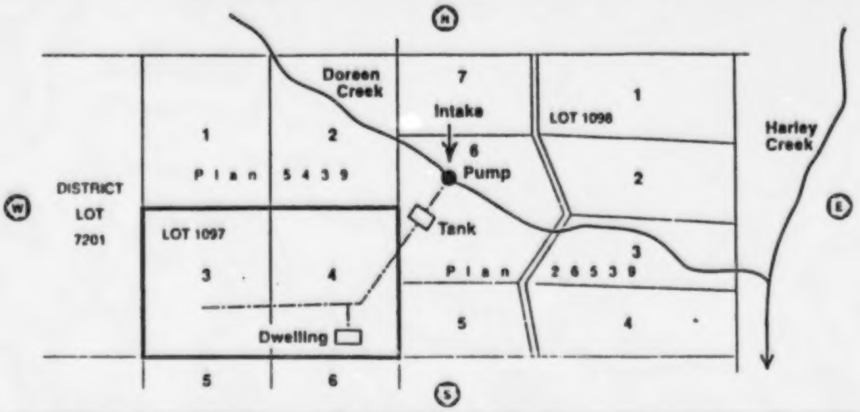
ENV/LP (03/93) KEEP A COPY OF THE APPLICATION AND DRAWING FOR YOUR RECORDS ORCS 00285-01

Ministry of Environment, Lands and Parks
Water Management

Water Act, Section 8

# WATER LICENCE APPLICATION DRAWING

**SAMPLE DRAWING – Typical drawing for domestic and irrigation licence.**

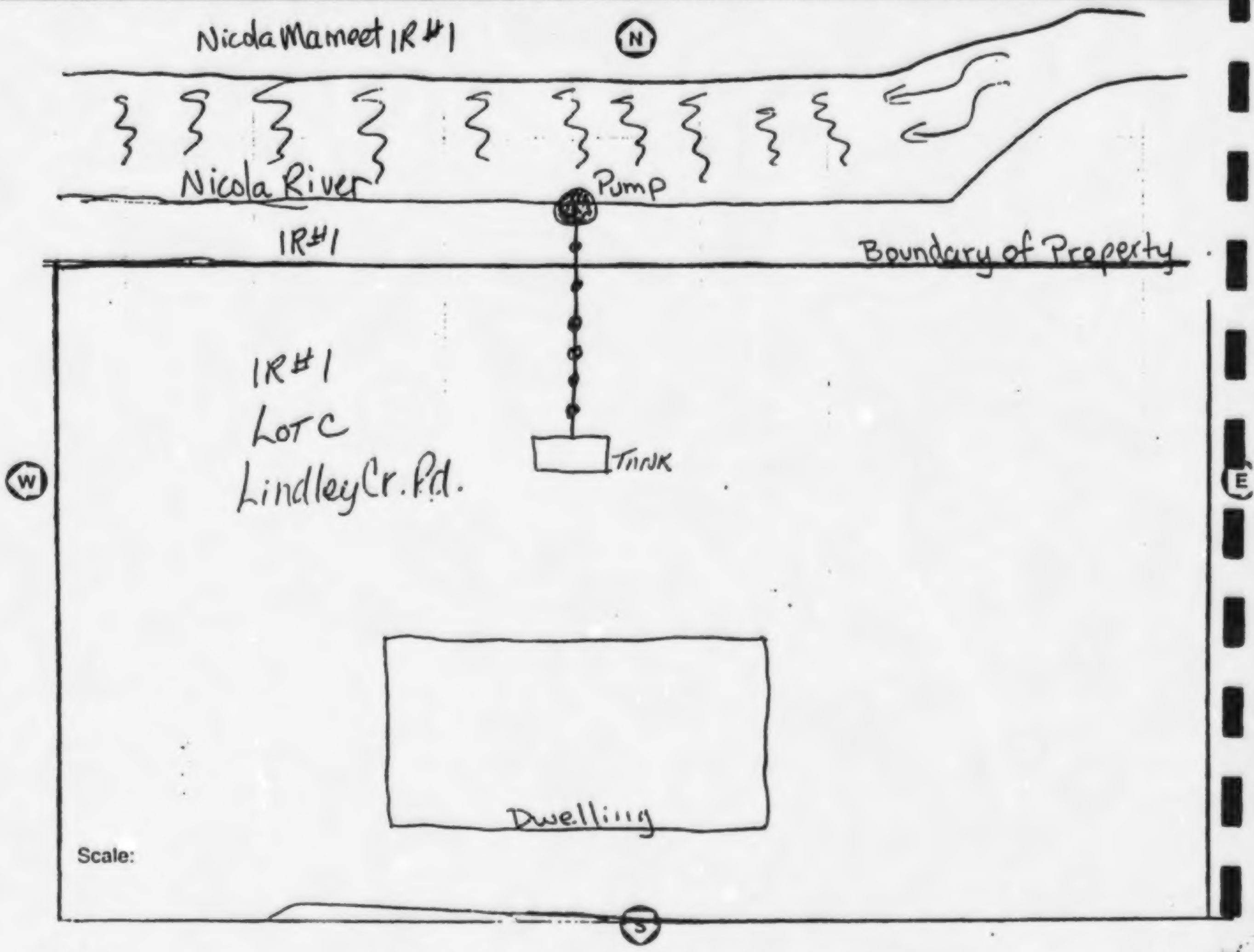


MINISTRY OF ENVIRONMENT
RECEIVED
DEC 05 1994
KAMLOOPS, B.C.

Scale: 1cm = 50m

| | |
|---|---|
| Point of diversion | ● |
| Pipeline | — · — · — |
| Boundary of property on which the water is to be used. | ——— |

**APPLICANT'S DRAWING – Prepare a drawing to submit with your application. Refer to *Application Guidelines* for a list of required elements.**

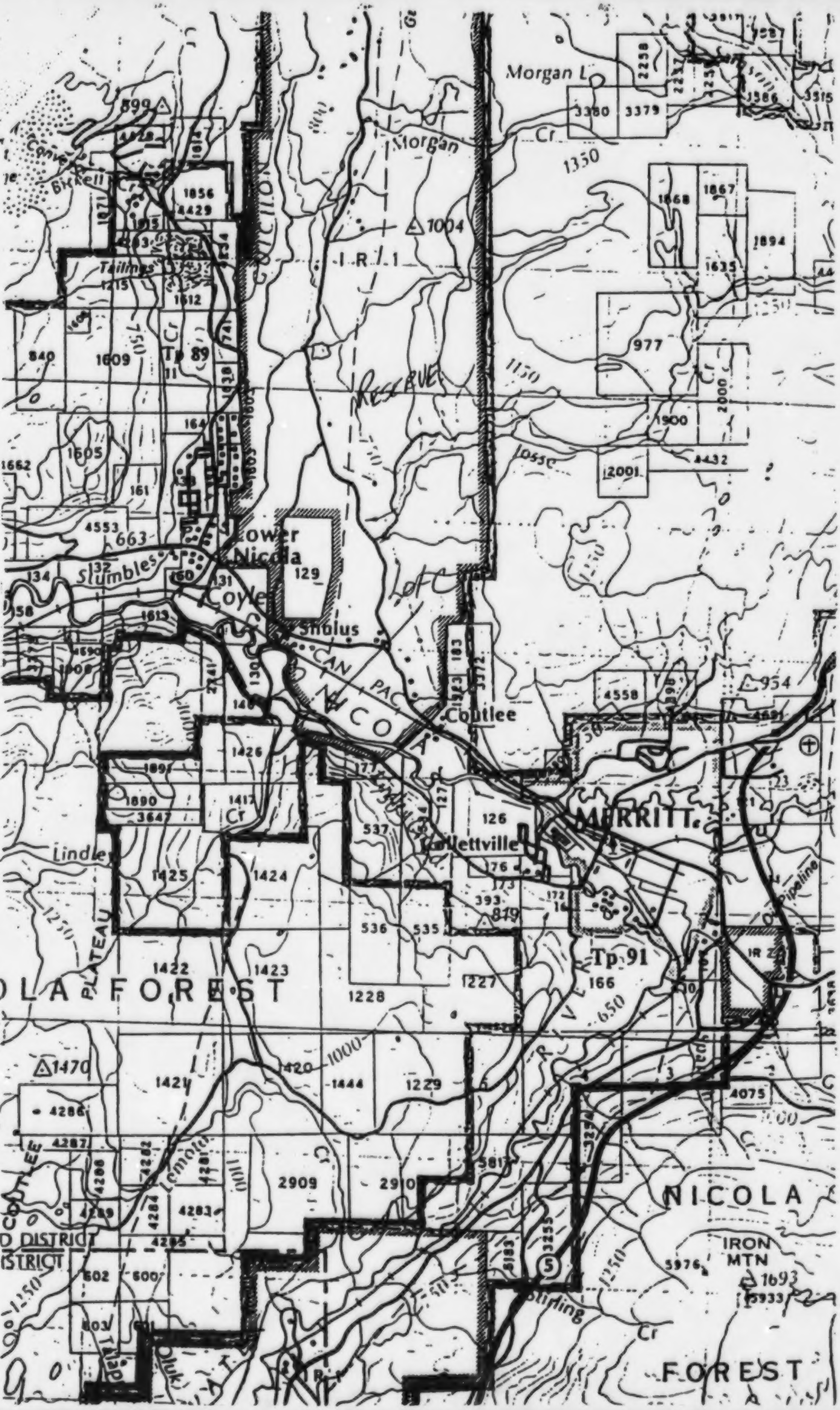


Scale:

ENV/LP (01/93)

KEEP A COPY OF THE APPLICATION AND DRAWING FOR YOUR RECORDS

ORCS 0...


Morgan L
Morgan
Cr
1350
Bickell
Tailings
Tp 89
Cr
IR 1
1004
Reserve
1150
Lower Nicola
129
Slumbles
Coyle
Shulus
CAN PAC
NICOLA
Coutlee
MERRITT
Collettville
Lindley
PLATEAU
Tp 91
RIVER
650
Pipeline
IR 2
OLA FOREST
1470
1000
Lemoto
Cr
COUTLEE
D DISTRICT
ISTRICT
5
Spiding
Cr
NICOLA
IRON MTN
1693
FOREST
1250
899
663
954
3380
3379
1856
1429
1868
1867
1894
1635
977
1900
2000
2001
4432
1609
840
1605
1662
161
4553
132
134
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131
158
1613
1008
1690
130
146
1426
1891
1890
3647
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1425
1424
177
537
126
176
393
819
536
535
1422
1423
1228
1227
166
1421
1420
1444
1229
4286
4287
2909
2910
4283
4285
602
600
603
3255
5976
5933
4075
4558
4691
1612
1215
840
164

Z109169

**PROVINCE OF BRITISH COLUMBIA.** WATER RIGHTS BRANCH. **DEPARTMENT OF LANDS.**

## CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 7886, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Hamilton Creek Indian Reserve, No.7 of the Lower Nicola Indians.

...d by 10571
Final Licence

Made and entered this 1st day of December, 1922.

E. A. Cleveland
*Comptroller of Water Rights.*

No. 3645

Form No. 1008, W.R.B. (Licence in respect of Board Order)—1,500-12-21—3387.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER

## BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia, 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from Quilchena Creek and its tributaries. Files 16 & 18-5-1.

ON THE 11th day of May, 1922,

the above matter having come on for hearing in the presence of Mr. J. H. Ellis, K.C., of Counsel for the Department of Indian Affairs, and Mr. J. Guichon on behalf of himself and other users of water from Quilchena Creek

and after notice to all persons holding or claiming to hold water rights on said Quilchena Creek

and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola Indians to take water from Quilchena Creek

for use on Hamilton Creek Indian Reserve, No.7 of the Lower Nicola Indians.

has been established.

AND THE BOARD DOTH ORDER the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is Quilchena Creek, a tributary of Nicola Lake, and tributary springs marked "E", "F" and "G", Water Rights Map 6163.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 512 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is two (2) acre-feet: Provided that of the said 512 acre-feet there may be used 5,000 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 563—250-6-22—7063.

Board Order No. 7666.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September. 1930. - (sd) J.E. Leach. Chairman. } Water Board.
(sd) E. Davis. Member. }

Dated at Victoria. B.C.
this 30th day of September. 1929.

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 256 acres, comprising parts of Hamilton Creek Indian Reserve, being Reserve No. 7 of the Lower Nicola Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

MADE AND ENTERED this 1st day of December, 1922.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E. A. Cleveland, *Chairman*,

and J. S. T. Alexander, *Member*.

Board Order No.7886.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September 1928. (sd) J.E. Lowe. Chairman. } Board of
(sd) E. Davis Member } Investigation.
Dated this 1st day of November 1927.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September, 1929. - (sd) J.C. Lowe. Chairman. } Board of
(sd) E. Davis. Member. } Investigation.
Dated at Victoria, B.C. this 30th September, 1928.

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

## EXHIBIT "B."

**(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)**

***The works which are required to be completed before the issue of a final licence are as follows:—***

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

6

**BOARD OF INVESTIGATION.**

By E. A. Cleveland, *Chairman,*

and J. S. T. Alexander, *Member.*

Board Order No. 7886

Form 565, W.R.B.—2,000-1-22—5912

Map No. 6163

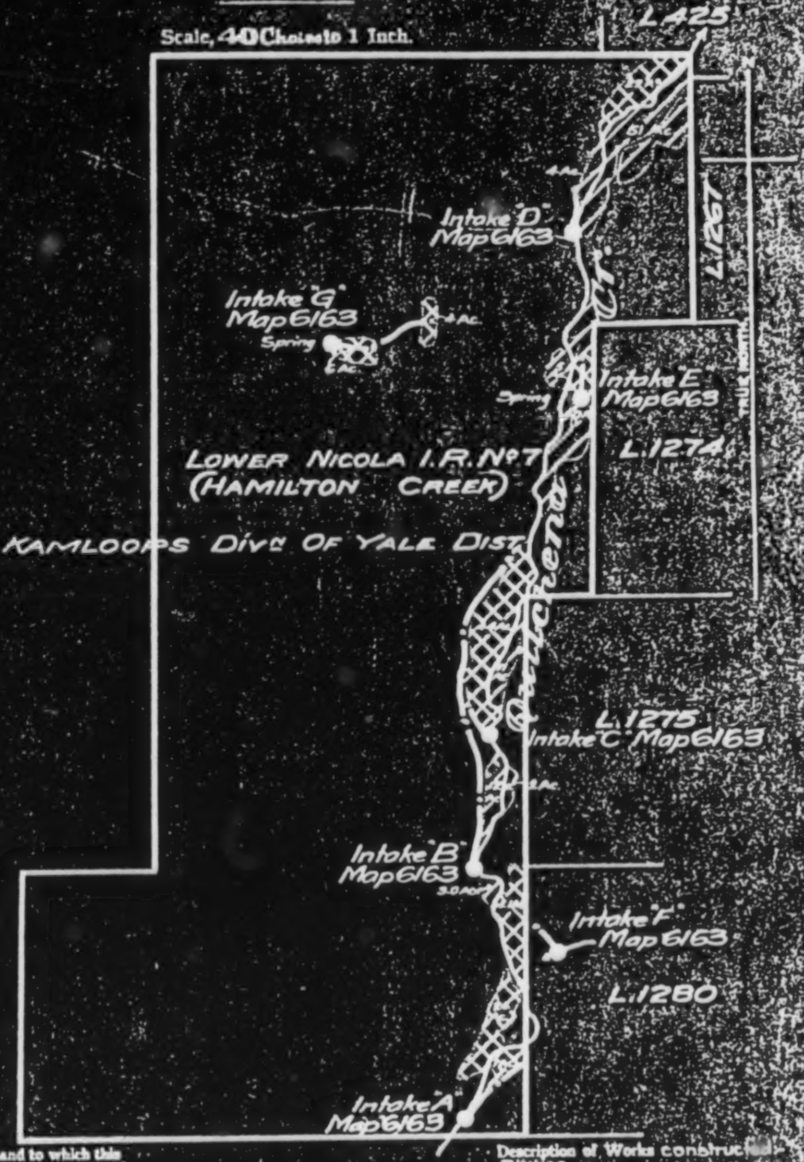
Copy for Comptroller

British Columbia

To accompany Board Order No. 7886

# NICOLA WATER DISTRICT.

Scale, 40 Chains to 1 Inch.



LEGEND
Intake ●
Ditch —•—

The boundaries of the land to which this licence is appurtenant are shown shaded.

Irrigable land { Not Irrigated ▨ / Irrigated ▦ }

Description of Works constructed: Ditches.

Signature E. A. Cleveland
J. S. Alexander

EXHIBIT "A"

C.L. 6045 B.O. 7886
File 16-5-1
16-5-1

PROVINCE OF
BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

## CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 3715, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Logans Indian Reserve, No.6 of the Lower Nicola Indians.

Superseded by 10856
Final Licence

Made and entered this 1st day of December, 1922.

E. A. Cleveland
*Comptroller of Water Rights.*

No. 6646

Form No. 1006, W.R.B. (Licence in respect of Board Order)—1,300-12-21—3297.

[illegible]

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER

## BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

---

In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from Quilchena Creek and tributary in the Reserve. File 14-5-1.

On the 11th day of May, 1922, the above matter having come on for hearing in the presence of Mr. J. N. Ellis, K.C., of Counsel for the Department of Indian Affairs and Mr. J. Guichon on behalf of himself and other users of water from Quilchena Creek and after notice to all persons holding or claiming to hold water rights on said Quilchena Creek and its tributary, Logans Creek, and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola Indians to take water from Quilchena Creek and its tributary, Logans Creek, for use on Logans Indian Reserve, No.6 of the Lower Nicola Indians, has been established.

AND THE BOARD DOTH ORDER the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is Quilchena Creek, a tributary of Nicola Lake, and Logans Creek, a tributary of said Quilchena Creek.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 68 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is two (2) acre-feet: Provided that of the said 68 acre-feet there may be used 500 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 563—250-6-22—7962.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September. 1930.-
Dated at Victoria. B.C.
this 30th day of September. 1929.
(sd) J. F. Lane. Chairman. }
(sd) F. Davis. Member. } Water Board.

Board Order No.3715.

[illegible]

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 34 acres, comprising parts of Logans Indian Reserve, being Reserve No. 6 of the Lower Nicola Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

MADE AND ENTERED this 1st day of December, 1922.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E. A. Cleveland, *Chairman,*

and J. S. T. Alexander, *Member.*

Board Order No. 3715.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September. 1928.
Dated this 1st day of November. 1927.
(sd) J. E. Lane. Chairman. } Board of
(sd) E. Davis. Member. } Investigation.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September. 1929.-
Dated at Victoria. B.C.
this 30th day of September. 1928.
(sd) J. E. Lane. Chairman. } Board of
(sd) E. Davis. Member. } Investigation.

Copy for Comptroller

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

## EXHIBIT "B."

**(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)**

***The works which are required to be completed before the issue of a final licence are as follows:—***

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

**BOARD OF INVESTIGATION.**

By E. A. Cleveland, *Chairman,*

and J. S. T. Alexander, *Member.*

Board Order No. 3715

Form [illegible], W.R.B.—[illegible]

ENTERED ON
Map No. 6166
By RHW

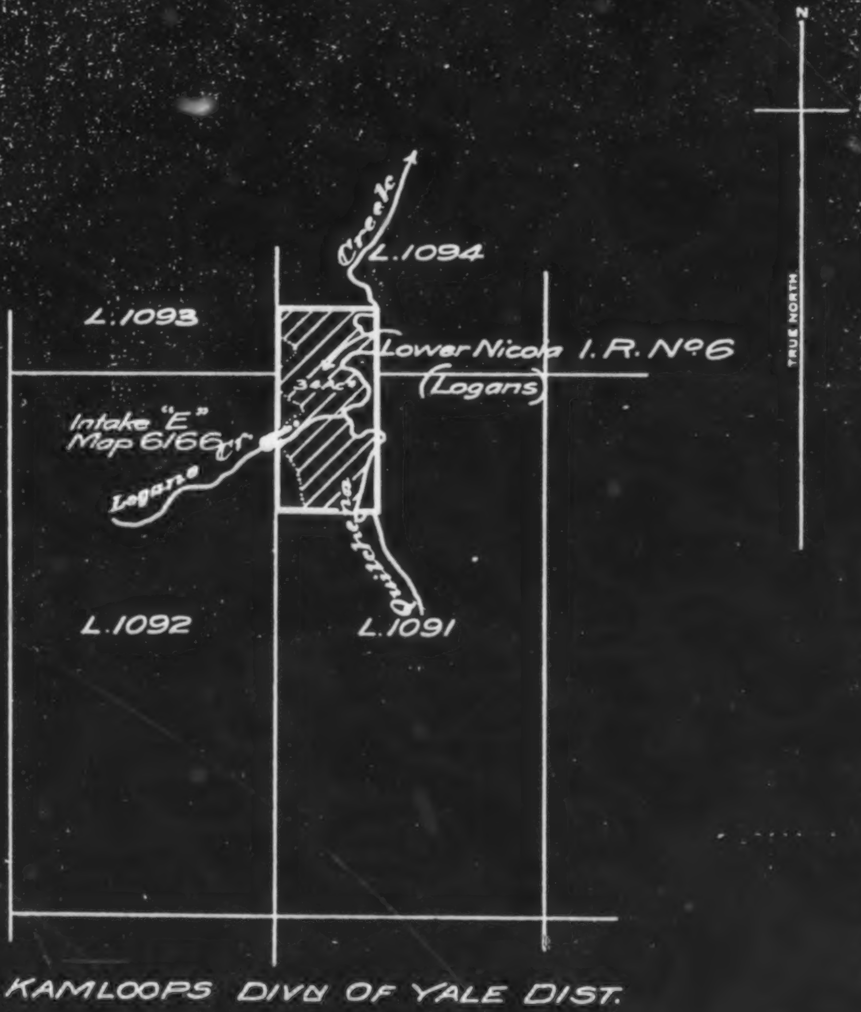
Copy [illegible]

# British Columbia

To accompany Board Order No. 3715

## NICOLA —— WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



**LEGEND**

Intake ●

Ditch —•—

The boundaries of the land to which this licence is appurtenant are shown shaded.

Irrigable land ▨

Description of Works constructed:-
Ditch.

Signature E.A. Cleveland —
J.S. Alexander

RHL.
CTH.

EXHIBIT "A"

C.L. 6640 B.O.3715
File 14-5-1

PROVINCE OF
BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

## CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 1261, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Zoht No.1 Indian Reserve, No.4 of the Lower Nicola Indians.

Superseded by
Final Licence 9003/5

Made and entered this 1st day of December, 1922.

E. A. Cleveland
*Comptroller of Water Rights.*

No. 3651

Form No. 1006, W.R.B. (Licence in respect of Board Order)—1,500-12-21—3297.

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER

## BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

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In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from Clapperton Creek. File 20-5-1.

ON THE 11th day of May, 1922, the above matter having come on for hearing in the presence of Mr. J. N. Ellis, K.C., of Counsel for the Department of Indian Affairs, and Mr. W. C. Parker of Counsel for Nicola Stock Farm, Limited,

and after notice to all persons holding or claiming to hold water rights on said Clapperton Creek

and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola Indians to take water from Clapperton Creek and its tributary, Shuta Creek,

for use on Zoht No. 1 Indian Reserve, No. 4 of the Lower Nicola Indians.

has been established.

AND THE BOARD DOTH ORDER the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is Clapperton Creek, a tributary of Nicola River and Shuta Creek, a tributary of said Clapperton Creek.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 415 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is Two and a half acre-feet: Provided that of the said 415 acre-feet there may be used 2,500 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 503—250-6-22—7062.

Board Order No. 1261.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September 1930.-

Dated at Victoria. B.C.
this 30th day of September 1929.

(sd.) [illegible]. Chairman.
(sd.) E. Davis. Member. } Water Board.

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 160 acres, comprising parts of Zoht No.1 Indian Reserve, being Reserve No. 4 of the Lower Nicola Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed."

MADE AND ENTERED this 1st day of December, 1922.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E. A. Cleveland, *Chairman*,

and J.S.T.Alexander, *Member*.

Board Order No. 1261.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September 1928. (sd) J.S. Lowe. Chairman. } Board of
Dated this 1st day of November. 1927. (sd) E. Davis ~~J. [illegible] Donald~~. Member. } Investigation.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September. 1929. -
Dated at Victoria. B.C.
this 30th day of September. 1928.
(sd) J.S. Lowe. Chairman. } Board of
(sd) E. Davis. Member. } Investigation.

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

# EXHIBIT "B."

**(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)**

*The works which are required to be completed before the issue of a final licence are as follows:—*

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

BOARD OF INVESTIGATION.

By E. A. Cleveland, *Chairman,*

and J. S. T. Alexander, *Member.*

Board Order No. 1261

Form [illegible] W.R.B.—2,000-1-22—[illegible]

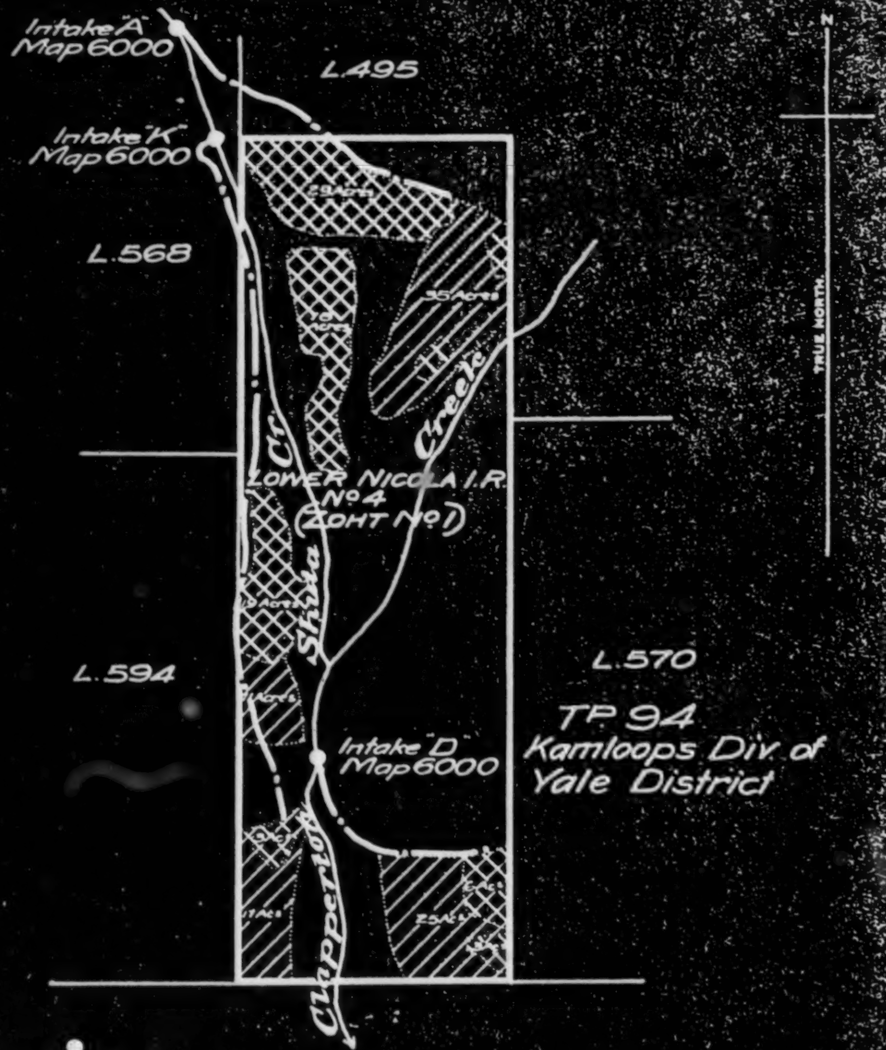
Map No. 6000
[illegible] 8C.W

# British Columbia

To accompany Board Order No. 1261

## NICOLA ——— WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



LEGEND
Intake ●
Ditch —•—

The boundaries of the land to which this licence is appurtenant are shown shaded.

Irrigable land } Not irrigated ▨
Irrigated ▩

RHC
CHH

**EXHIBIT "A"**

Description of Works constructed:- Ditches.

Signature E.A. Cleveland
J.S.T. Alexander

C.L. 6651 B.O. 1261
File 20-5-1

PROVINCE OF
BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

## CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 4488, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Spoous Indian Reserve, No.8 of the Lower Nicola Indians.

Superseded by
Final Licence 8153/11

Made and entered this 1st day of December, 1922.

E. A. Cleveland
*Comptroller of Water Rights.*

No. 3652

Form No. 1006, W.R.B. (Licence in respect of Board Order)—1,500-12-21—5397.

Copy for Comptroller

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER

## BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia, 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from

Pony Creek and Waterfall Creek. Files 15 & 16-6-1.

ON THE 11th day of May, 1922,

the above matter having come on for hearing in the presence of Mr. J. M. Ellis, K.C.,

of Counsel for the Department of Indian Affairs,

and after notice to all persons holding or claiming to hold water rights on said Pony Creek and Waterfall Creek and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola Indians to take water from Pony Creek and Waterfall Creek for use on Speous Indian Reserve, No.8 of the Lower Nicola Indians has been established.

**AND THE BOARD DOTH ORDER** the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is Pony Creek and Waterfall Creek, tributaries of Nicola River.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 612 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is Three (3) acre-feet: Provided that of the said 612 acre-feet there may be used 2000 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 563—250-6-22—7903.

Board Order No.4488.

Copy for Comptroller

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 204 acres, comprising parts of Spaous Indian Reserve, being Reserve No. 8 of the Lower Nicola Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

MADE AND ENTERED this 1st day of December, 1922.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E. A. Cleveland, *Chairman*,

and J.S.C. Alexander, *Member*.

Board Order No. 4468.

Copy for [illegible]

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September, 1928.- (sd) J. S. Lane. Chairman. } Board of
(sd) ~~J. [illegible] Smith~~ E. Davis. Member. } Investigation.

Dated this 1st day of November. 1927.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# EXHIBIT "B."

**(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)**

***The works which are required to be completed before the issue of a final licence are as follows:—***

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

**BOARD OF INVESTIGATION.**

By E. A. Cleveland, *Chairman,*

and J. S. T. Alexander, *Member.*

Board Order No. 4488

Form [illegible], W.R.B.—[illegible]

[illegible]
Map No. 6050
By...... PAW

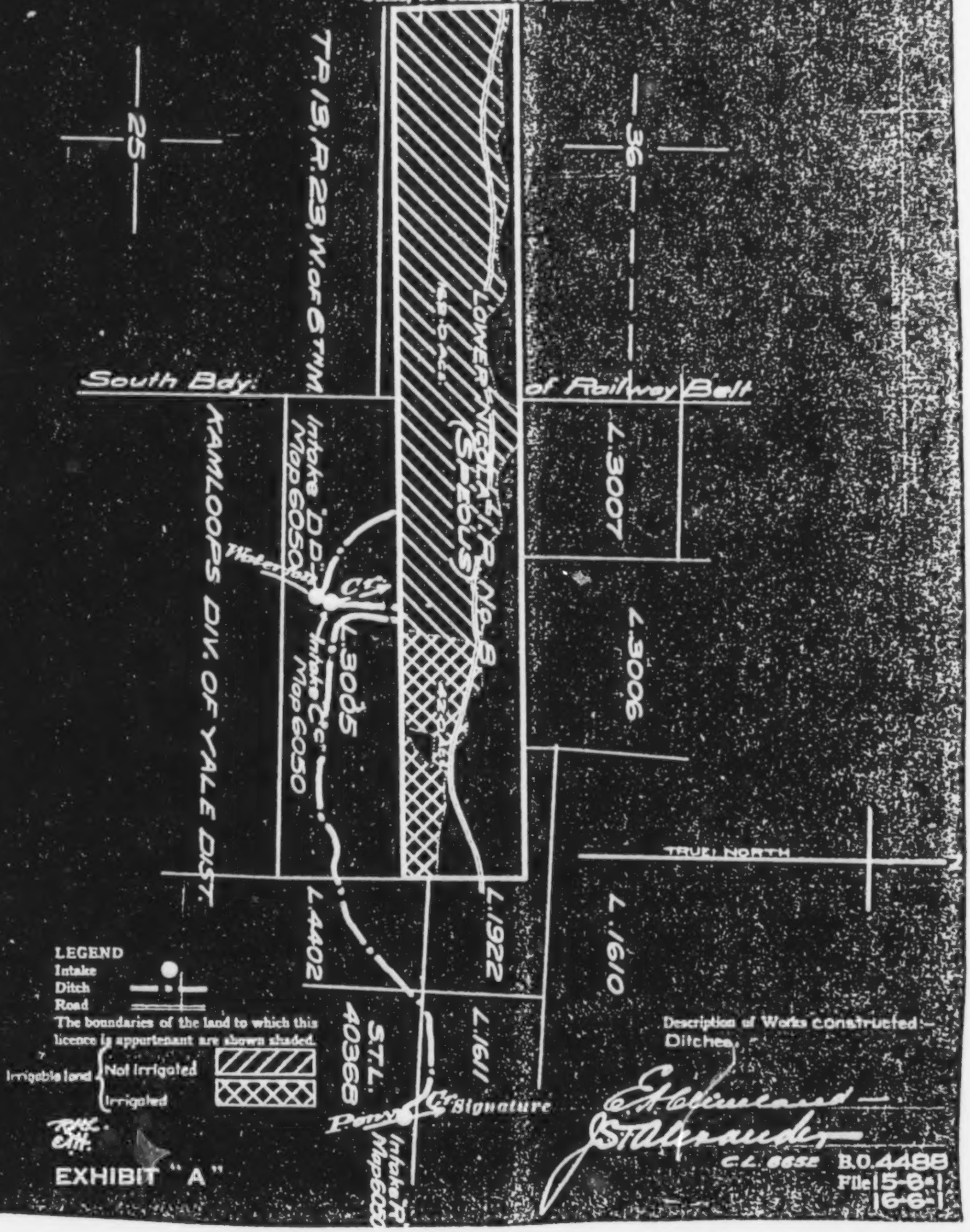
Copy for Comptroller

British Columbia

To accompany Board Order No. 4488

# NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



LEGEND
Intake ●
Ditch
Road

The boundaries of the land to which this licence is appurtenant are shown shaded.

Irrigable land { Not Irrigated ▨
Irrigable land { Irrigated ▩

R.M.C.
E.H.

EXHIBIT "A"

Description of Works constructed:— Ditches.

Signature E.A. Cleveland
J.S.T. Alexander

C.L. 6652 B.O. 4488
File 15-6-1
16-6-1

PROVINCE OF
BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

## CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 4525, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Joeyaska Indian Reserve, No.2 of the Lower Nicola Indians.

CANCELLED - Sec. 41
20/2/34

File Destroyed 1945

Made and entered this 1st day of December, 1922.

E A Cleveland
Comptroller of Water Rights.

No. 6654

Form No. 1006, W.R.B. (Licence in respect of Board Order)--1,500-12-21--3297.

ORIGINAL

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# DETERMINATION AND ORDER

## BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia, 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from Gody Creek. File 7-6-1.

ON THE 11th day of May, 1922, the above matter having come on for hearing in the presence of Mr. J.M.Ellis, K.C., of Counsel for the Department of Indian Affairs,

and after notice to all persons holding or claiming to hold water rights on said Gody Creek

and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola Indians to take water from Gody Creek

for use on Joeyaska Indian Reserve, No.2 of the Lower Nicola Indians

has been established.

AND THE BOARD DOTH ORDER the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is Gody Creek, a tributary of Coldwater River.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 135 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is two and a half acre-feet: Provided that of the said 135 acre-feet there may be used 6000 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 863—250-6-22—7062.

Board Order No. 4525.

INAL

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 54 acres, comprising parts of Joeyaska Indian Reserve, being Reserve No. 2 of the Lower Nicola Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

MADE AND ENTERED this 1st day of December, 1922.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E.A. Cleveland, Chairman,

and J.S.T. Alexander, Member.

Board Order No.4525.

ORIGINAL

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September 1928.-

J.E. Lane Chairman.
E. Davis Member.
Board of Investigation.

Dated at Victoria. B.C.
this 1st day of November. 1927.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# EXHIBIT "B."

**(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)**

*The works which are required to be completed before the issue of a final licence are as follows:—*

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

**BOARD OF INVESTIGATION.**

By E. A. Cleveland, *Chairman,*

and J. F. Alexander, *Member.*

Board Order No. 4525.

Form 505, W.R.B.—2,000-1-22—1822

ORIGINAL

# WATER ACT.

## Section 74.

IN THE MATTER OF Conditional Water Licence 6654, dated 1st December, 1922, granted to the Department of Indian Affairs, authorizing the diversion and use of water from Gody creek for irrigation purpose on the Joeyaska Indian Reserve, No. 2 of the Lower Nicola Indians.

.............

YOU ARE HEREBY NOTIFIED that you have failed to prove to my satisfaction:

(a) that the construction of the works authorized under the above mentioned licence was begun within the time fixed therefor, and

(b) that the construction of the said works was prosecuted with due diligence.

AND YOU ARE FURTHER NOTIFIED that on the 21st day of July, 1934, I propose to cancel the said Conditional Water Licence 6654.

DATED at Victoria, B.C. this 19th day of June, 1934.

J. Macdonald

Comptroller of Water Rights.

R.

TO: Supt.-Gen. of Indian Affairs,
Ottawa, Canada.
C.E. Webb, Dist.Chief Engineer,
Vancouver, B.C.
Commissioner of Indian Affairs,
Victoria, B.C.
Indian Agent, Lytton, B.C.

File 7-6-1

Registered

ALL COMMUNICATIONS IN REFERENCE TO WATER
MATTERS SHOULD BE ADDRESSED TO
COMPTROLLER OF WATER RIGHTS,
PARLIAMENT BUILDINGS, VICTORIA, B.C.

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

VICTORIA, B.C.

DEPARTMENT OF LANDS
WATER RIGHTS BRANCH

# WATER ACT

## Section 74

## CANCELLATION ORDER

BEFORE THE COMPTROLLER OF WATER RIGHTS:

In accordance with the notice of proposed cancellation dated the 19th day of June, 1934, Conditional Licence 6654 is hereby cancelled.

Dated at Victoria, B.C., this 20th day of September, 1934.

J. Macdonald
Comptroller of Water Rights.

File 7-6-1.

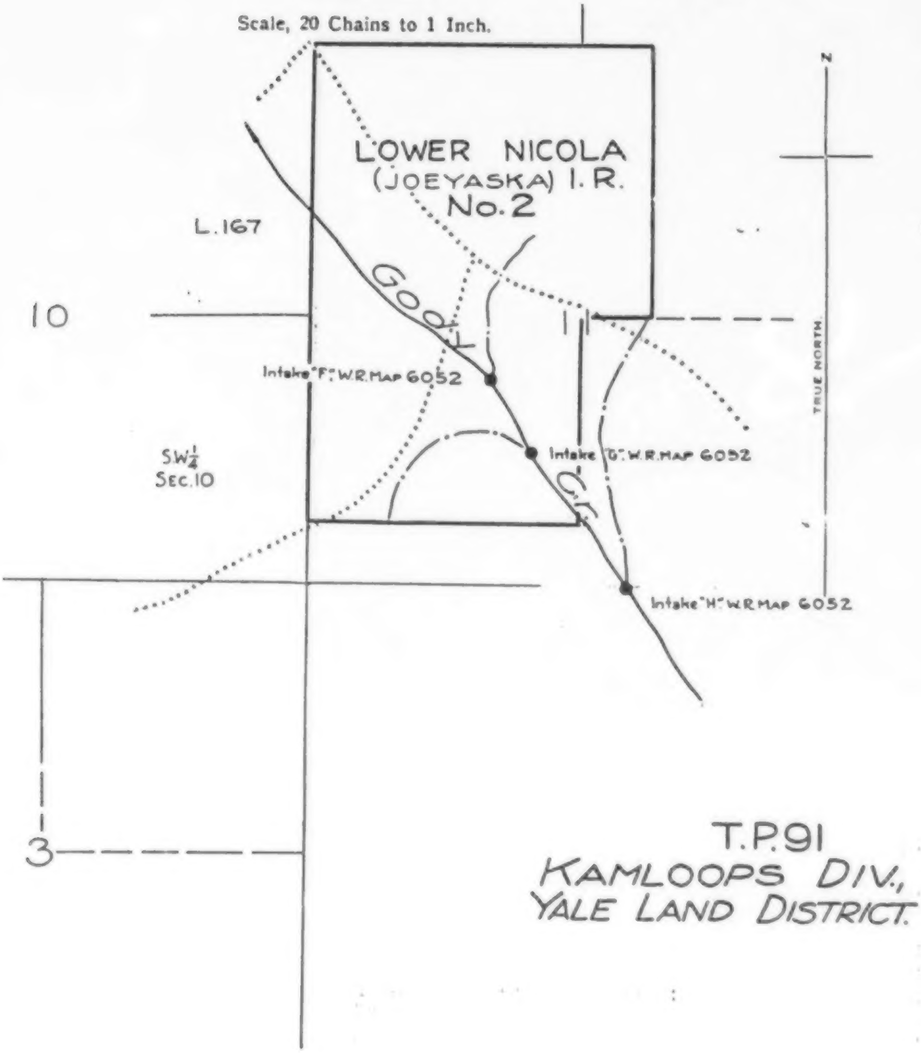
[illegible]
[illegible]
Work [illegible]
CV 21/9/34 10465

# British Columbia

To accompany Board Order No. 4525

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



LEGEND

Intake ●

Ditch —·—

Road ......

The boundaries of the land to which this licence is appurtenant are shown shaded.

54 acres within the said boundaries are claimed to be irrigable.

Description of Works constructed:

Ditches

Signature E.A. Cleveland
J.S.T. Alexander

J.S.L.
G.H.

EXHIBIT "A"

C.L. 6654 B.O. 4525
File 7-6-1

**PROVINCE OF BRITISH COLUMBIA.** WATER RIGHTS BRANCH. **DEPARTMENT OF LANDS.**

# CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 4774, a duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Nicola Mameet Indian Reserve, No.1 of the Lower Nicola Indians.

[redacted]

Superseded by
Final Licence 8229

Made and entered this 1st day of December, 1922.

E. A. Cleveland
*Comptroller of Water Rights.*

No. 3655

Form No. 1008, W.R.B. (Licence in respect of Board Order)—1,500-12-21—3397.

Copy [illegible]

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

## DETERMINATION AND ORDER

### BY THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

In the Matter of the "Indian Water Claims Act" (Chapter 19 of the Statutes of British Columbia, 1921, Second Session), and

In the Matter of an Indian Water Claim respecting the diversion and use of water from Guichon Creek. File 25-5-1.

ON THE 11th day of May, 1922, the above matter having come on for hearing in the presence of Mr. J. N. Ellis, K.C., of Counsel for the Department of Indian Affairs, and Mr. Ernest Clark of Counsel for licensees using water out of Guichon Creek on lands in Thompson Valley and after notice to all persons holding or claiming to hold water rights on said Guichon Creek and all and every the steps required by the Act to be taken having been taken by the Board; and the Board being fully advised in the premises, determines that the right of the Lower Nicola Indians to take water from Guichon Creek for use on Nicola Mameet Indian Reserve, No.1 of the Lower Nicola Indians, has been established.

AND THE BOARD DOTH ORDER the Comptroller of Water Rights to issue a Conditional Licence in respect of the said Indian Water Claim embodying the following terms and conditions:—

1. The source of the water-supply is Guichon Creek, a tributary of Nicola River.

2. The point or points of diversion from the stream or streams are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

3. The date from which the licence shall take precedence is 2nd day of May, 1889.

4. The purpose for which the water is to be used is irrigation and incidentally domestic use.

5. The maximum quantity of water which may be diverted for use upon the lands mentioned in clause 7 hereof when all of the said lands are under irrigation is, until lawfully altered, 2,250 acre-feet per annum and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is two and a half acre-feet: Provided that of the said 2,250 acre-feet there may be used 15,000 gallons of water a day throughout the whole year for domestic purposes.

W.R.B. 503—250-6-22—7063.

Board Order No. 4774.

6. The period of the year during which the water may be used is 1st May to 30th September.

7. The area and description of the lands upon which the water may be used are 900 acres, comprising parts of Nicola Mameet Indian Reserve, being Reserve No. 1 of the Lower Nicola Indians. The extent and location of the said lands are further shown in the said Exhibit "A."

8. The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1927.

9. Works for the diversion and the carriage of the water as set forth in the exhibit marked "B," which is hereto attached and made a part hereof, shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced or resumed on or before the 1st day of June, 1923.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1927.

10. Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

11. The licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clause 1 hereof and complete information obtained respecting the requirements of all the lands watered therefrom, and the licensee shall surrender the licence for amendment when called upon to do so.

12. The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

13. No more land than is now under cultivation, as shown by exhibit "A" hereto, shall be irrigated with water from Guichon Creek under this licence.

MADE AND ENTERED this 1st day of December, 1922.

THE BOARD OF INVESTIGATION UNDER THE "WATER ACT, 1914."

By E. A. Cleveland, *Chairman*,

and J.S.T. Alexander, *Member*.

The time for completion of works and the irrigation of the whole of the lands as set out in Clauses 8 and 9 hereof is hereby extended to the 30th day of September 1928. (sd) J. S. Lowe. Chairman. } Board of Investigation.
(sd) ~~[illegible]~~ E. Davis. Member. }
Dated this 1st day of November 1927.

Board Order No. 4774.

Copy for [illegible]

**PROVINCE OF BRITISH COLUMBIA.** WATER RIGHTS BRANCH. **DEPARTMENT OF LANDS.**

# EXHIBIT "B."

**(Forming part of an Order of the Board numbered as noted at the foot of this sheet.)**

*The works which are required to be completed before the issue of a final licence are as follows:—*

The clearing, stumping and levelling of the irrigable land to which the licence is appurtenant, and the works necessary for conducting the water thereto.

**BOARD OF INVESTIGATION.**

By E. A. Cleveland, *Chairman,*

and J. S. T. Alexander, *Member.*

Board Order No. 4774

Form [illegible] W.R.B.—[illegible]

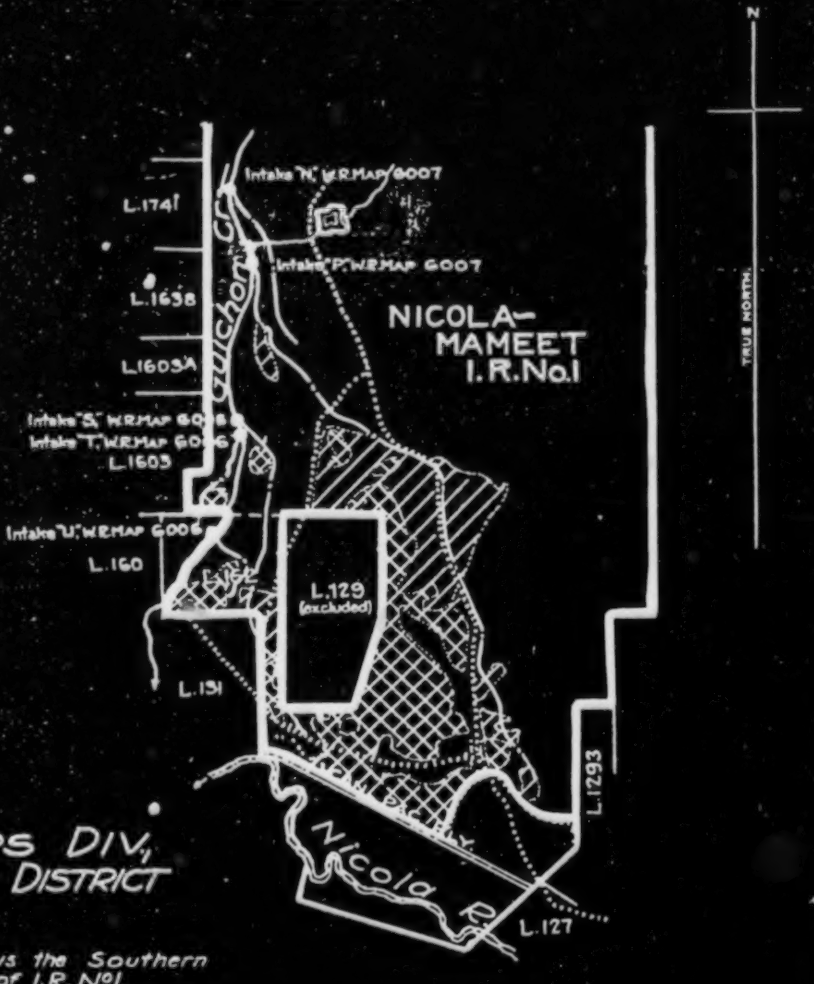
Map No. boeb·07
By... RMB

British Columbia

To accompany Board Order No. 4774

## NICOLA WATER DISTRICT.

Scale, 60 Chains to 1 inch.



KAMLOOPS DIV,
YALE LAND DISTRICT

This plat shows the Southern portion only of I.R. No.1.

LEGEND
Intake ●
Ditch —·—
Road·······
The boundaries of the land to which this licence is appurtenant are shown shaded.
Irrigable land shown ▨
Irrigated ⊠

Description of Works constructed:
Ditches,
Flumes

Signature E. H. Cleveland
J. S. T. Alexander

Q.E.K.
S.H.

EXHIBIT "A"

C.L. 6655

B.O. 4774
File 25-5-1

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# CONDITIONAL WATER LICENCE

## (IRRIGATION)

Appurtenant to 50 acres of Pipseul Indian Reserve No. 3 of the Lower Nicola Indians.

WHEREAS William C. Dallin, Indian Agent, whose post-office address is Kamloops, B.C. as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act, 1914," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is Guichon & Meadow Creeks.

(2.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 21st June, 1923.

Superseded by 8998
Final Licence

(4.) The purpose for which the water is to be used is irrigation and incidentally domestic use.

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 100 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2 acre-feet: Provided that of the said 100 acre-feet there may be used 1000 gallons of water a day throughout the whole year for domestic purpose.

(6.) The period of the year during which the water may be used is 1st April to 30th September.

(7.) The area and description of the lands upon which the water may be used are 50 acres, comprising part of the Pipseul Indian Reserve No. 3 of the Lower Nicola Indians.

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 7240

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-1-22—5003.

File No. 047921

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from

the said works on or before the 1st day of November, 1930.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction ~~shall be commenced on or before the~~ has already been commenced. - - - - - - - -

~~day of~~ - - - - - - - - - - ~~192~~ - -

The said construction shall be prosecuted with due diligence and to the satisfaction

of the Comptroller and shall be completed on or before the 1st day of

November, 1930.

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to - - - - - - - - - - Licence No. - - - - - for the

diversion of - - - - - - acre-feet per annum from - - - - - - - - - - - - - -

and Licence No. - - - - - for the diversion of - - - - - - - - acre-feet per annum

from - - - - - - - - - - - - - - - - - but no more than - - - - - - - - acre-

feet of water (exclusive of the quantity allowed for seepage and evaporation) may be diverted from all sources for use upon the lands described in clause 7 hereof.

(12.) This licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clauses (1) and (11) hereof and complete information obtained respecting the requirements of all the lands watered therefrom and the licensee shall surrender the licence for amendment when called upon to do so.

(13.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

(14.) ............................................................

Issued this 21st day of November, 1923.

File No. 047921

E A Cleveland

Comptroller of Water Rights.

Licence Number 7240

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-1-22—8003.

ORIGINAL

PROVINCE OF BRITISH COLUMBIA. | **WATER RIGHTS BRANCH.** | DEPARTMENT OF LANDS.

# EXHIBIT "B."

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

---

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 327710 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ditches.

File No. 947921

[illegible]
Map No. 6010
by TPW

E A Cleveland
Comptroller of Water Rights.

Form 1005, W.R.B. (Approval of Plans)—2,500-121-2131—(Forming part of Conditional Water Licence No. 7240.)

ORIGINAL

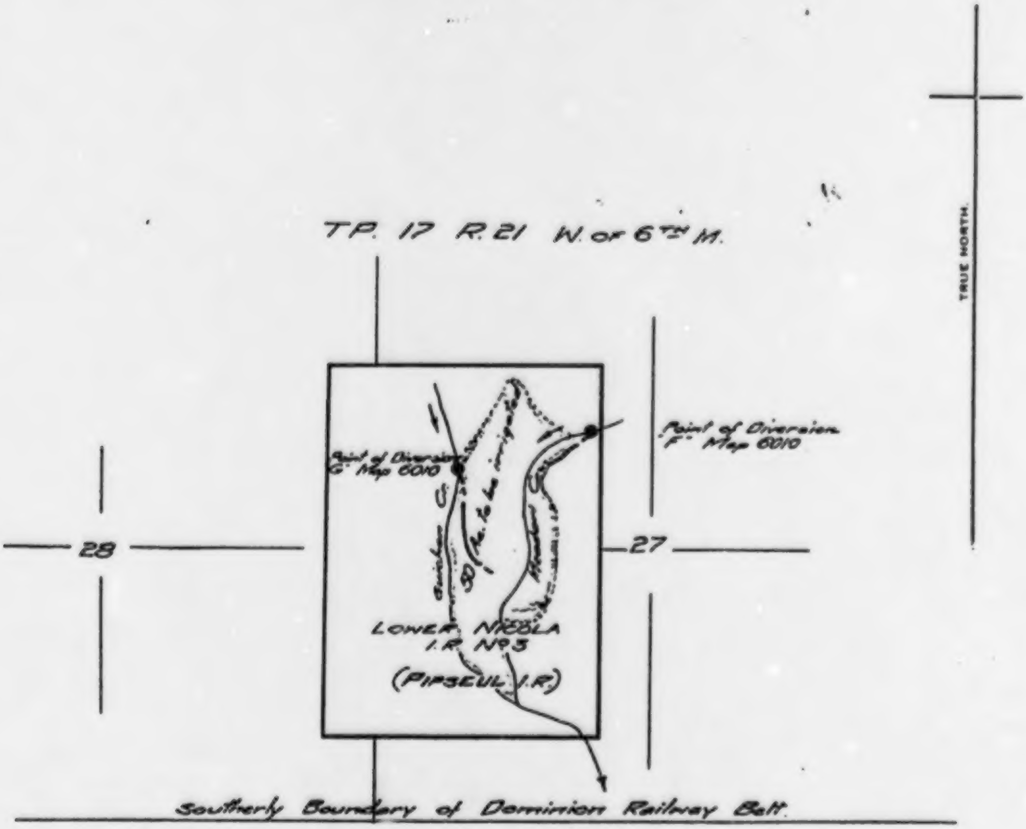
8

# British Columbia.

To accompany *Conditional Licence* No. *7240* Precinct.

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.


TRUE NORTH.
TP. 17 R. 21 W. of 6th M.
28
27
Point of Diversion "G" Map 6010
Point of Diversion "F" Map 6010
Cr.
50 Ac. to be irrigated
LOWER NICOLA I.R. No. 3
(PIPSEUL I.R.)
Southerly Boundary of Dominion Railway Belt.

The boundaries of the land to which this licence is appurtenant are shown shaded.
C.H.

Signature *E. A. Cleveland*

Date *21 Nov. 1928*

**EXHIBIT "A"** K.R.

C.L. 7240.
File 047921

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# CONDITIONAL WATER LICENCE
## (IRRIGATION)

Appurtenant to 72 acres of Nicola Mameet Indian Reserve No. 1 of the Lower Nicola Indians.

WHEREAS William C. Dallin, Indian Agent, whose post-office address is Kamloops, B. C. as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act, 1914," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is two creeks on above Indian Reserve.

(2.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 21st June, 1923.

(4.) The purpose for which the water is to be used is irrigation and incidentally domestic use.

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 180 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2½ acre-feet: Provided that of the said 180 acre-feet there may be used 1500 gallons of water a day throughout the whole year for domestic purpose.

CANCELLED
[illegible] Order No. 12495

(6.) The period of the year during which the water may be used is 1st April - 30th September.

(7.) The area and description of the lands upon which the water may be used are 72 acres, comprising parts of Nicola Mameet Indian Reserve No. 1 of the Lower Nicola Indians.

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 7241.

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-7-23—[illegible]

File 047922
FILE DESTROYED

ORIGINAL

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1930.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction ~~shall be commenced on or before the~~ has already been commenced.

day of ................, 192....

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1930.

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to ................ Licence No. ........ for the diversion of ........ acre-feet per annum from ................

and Licence No. ........ for the diversion of ........ acre-feet per annum from ................ but no more than ........ acre-feet of water (exclusive of the quantity allowed for seepage and evaporation) may be diverted from all sources for use upon the lands described in clause 7 hereof.

(12.) This licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clauses (1) and (11) hereof and complete information obtained respecting the requirements of all the lands watered therefrom and the licensee shall surrender the licence for amendment when called upon to do so.

(13.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

(14.) ................

Issued this 20th day of November, 1923.

File 047922.
FILE DESTROYED

E A Cleveland
Comptroller of Water Rights.
Licence Number 7241

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—8003.

ORIGINAL

PROVINCE OF BRITISH COLUMBIA.
# WATER RIGHTS BRANCH.
DEPARTMENT OF LANDS.

## EXHIBIT "B."

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 327711 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ditches.

File 047922.
FILE DESTROYED

E A Cleveland
Comptroller of Water Rights.

6007

Form 1005, W.R.B. (Approval of Plans)—2,500-4-22—6911—(Forming part of Conditional Water Licence No. 7241).

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

"WATER ACT."
(Section 17.)

---

## CANCELLATION ORDER.

In the Matter of Conditional Water Licence 7241 authorizing the Diversion of Water out of Two Creeks ~~Creek~~ for Irrigation and Incidentally Domestic Purpose on the Nicola Mameet Indian Reserve No.1 of the Lower Nicola Indians.

File No. 047922.

BEFORE THE WATER BOARD.

The Board having found that the licensee under Conditional Water Licence 7241 has for three successive years failed to make beneficial use of the water authorized to be used under the said licence, and having caused at least thirty days' notice to be given by letter sent to the licensee at his last-known address of its proposal to cancel the said licence, and cause to the contrary not having been shown by the licensee.

The Board hereby cancels said Conditional Water Licence 7241.

DATED at Victoria, B.C., this 7th day of March 1933

WATER BOARD UNDER "WATER ACT."

*Chairman.*

E. Davis.
*Member.*

W.R.B. 890—2M—

Board Order No. 12,495.

7241

ORIGINAL

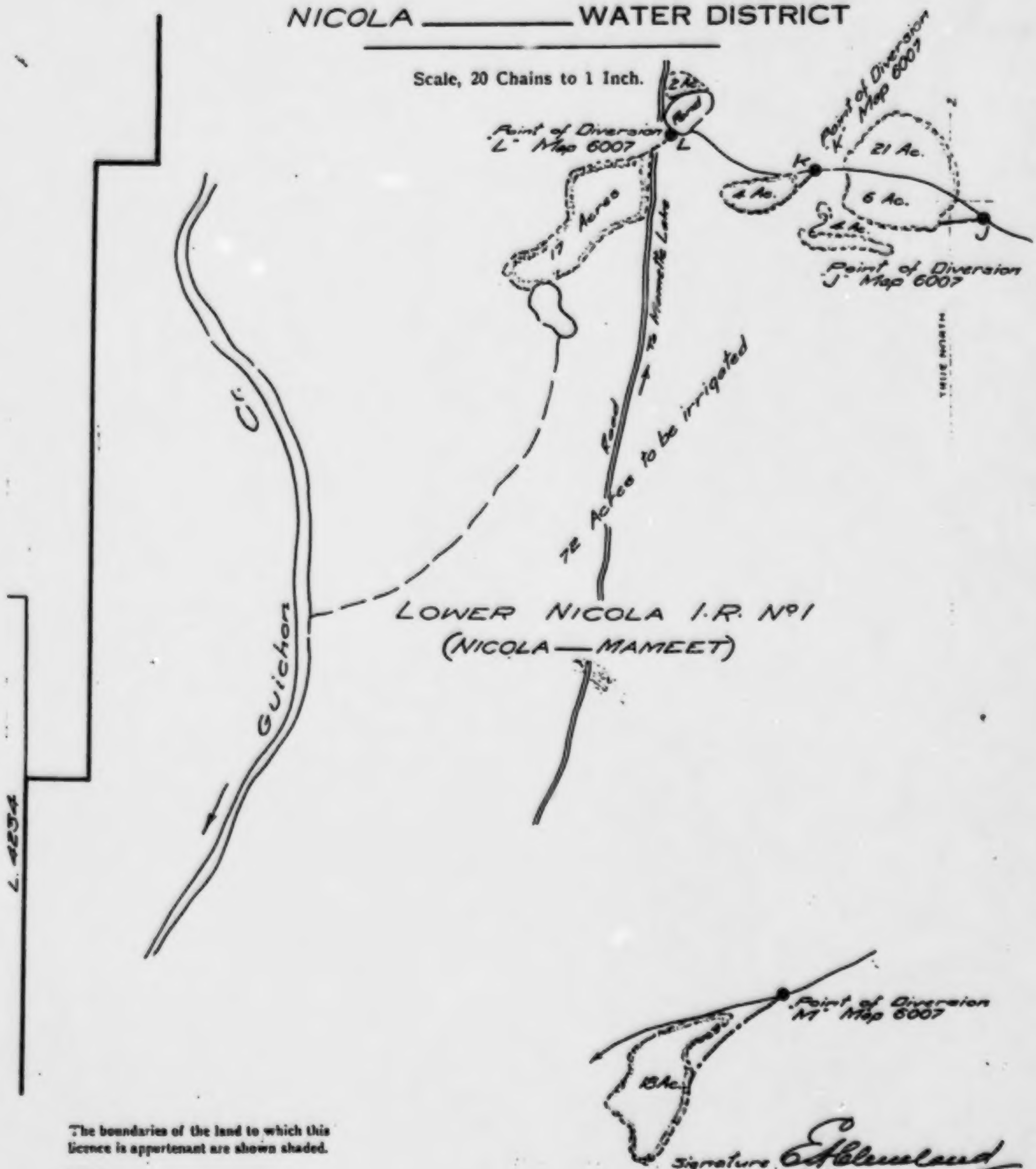
8

# British Columbia.

To accompany Conditional Licence No 7241

## NICOLA ____________ WATER DISTRICT

Scale, 20 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

Signature E. A. Cleveland

Date 20th Nov. 1923

C.L. 7241.
File 047322
FILE DESTROYED

EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

## CONDITIONAL WATER LICENCE

### (IRRIGATION)

Appurtenant to 96 acres of Joeyaska Indian Reserve No. 2 of the Lower Nicola Indians.

WHEREAS William C. Dallin, whose post-office address is Kamloops, B.C. as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act, 1914," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is Gody Creek and Ainsworth Spring.

(2.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 21st June, 1923.

Superseded by 9072
Final Licence

(4.) The purpose for which the water is to be used is irrigation and incidentally domestic use.

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 235 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2 ½ acre-feet: Provided that of the said 235 acre-feet there may be used 2000 gallons of water a day throughout the whole year for domestic purpose.

(6.) The period of the year during which the water may be used is 1st April to 30th September.

(7.) The area and description of the lands upon which the water may be used are 96 acres, comprising part of Joeyaska Indian Reserve No. 2 of the Lower Nicola Indians.

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 7242.

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—5003.

File No. 047919

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1930.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction ~~shall be commenced on or before the~~ has already been commenced. - - - - - - - - ~~day of~~ - - - - - - - - - - -, ~~192~~ - -

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1930

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to - - - - - - - - Licence No. - - - - for the diversion of - - - - - - acre-feet per annum from - - - - - - - - - - - - - - and Licence No. - - - - for the diversion of - - - - - - - - acre-feet per annum from - - - - - - - - - - - - - - - - but no more than - - - - - - - acre-feet of water (exclusive of the quantity allowed for seepage and evaporation) may be diverted from all sources for use upon the lands described in clause 7 hereof.

(12.) This licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clauses (1) and (11) hereof and complete information obtained respecting the requirements of all the lands watered therefrom and the licensee shall surrender the licence for amendment when called upon to do so.

(13.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

(14.)

Issued this 20th day of November, 1923

File No. 047919

E. A. Cleveland

*Comptroller of Water Rights.*

Licence Number 7242

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—8063.

ORIGINAL

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

## EXHIBIT "B."

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 327708 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ditches.

File No. 047919

[illegible]
Map No. 6052
By [illegible]

E A Cleveland
Comptroller of Water Rights.

Form 1001, W.R.B. (Approval of Plans)—2,500-12-2111—(Forming part of Conditional Water Licence No. 7242.)

ORIGINAL

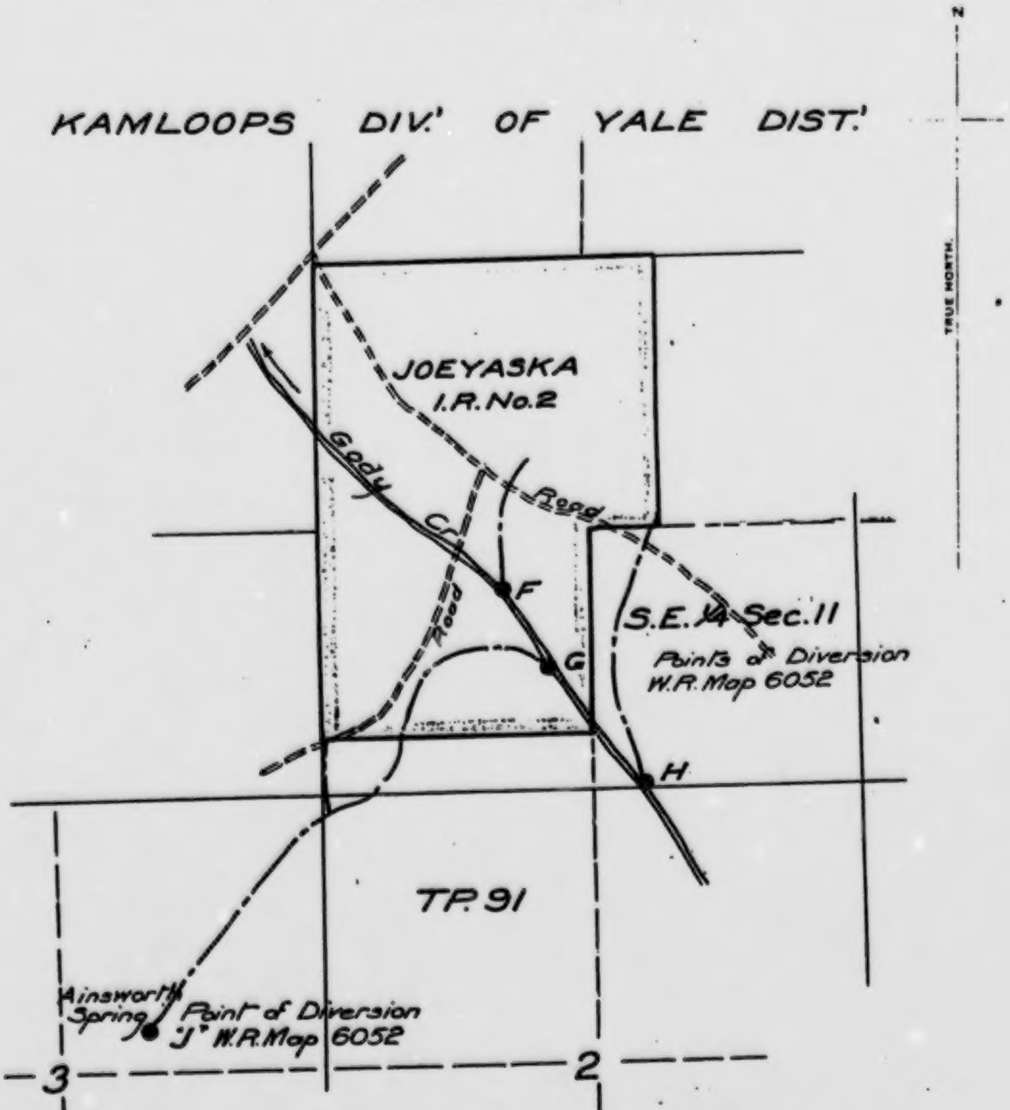
4

# British Columbia.

To accompany Conditional Licence No 7242

## NICOLA ——— WATER DISTRICT

Scale, 20 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded, and, 36 Acres within the said boundaries are claimed to be irrigable.

**EXHIBIT "A".**

Signature E. A. Cleveland

Date 20th Nov. 1923

C.L. 7242
File 047919

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# CONDITIONAL WATER LICENCE

## (IRRIGATION)

Appurtenant to 100 acres of the Nicola Mameet Indian Reserve No. 1, of the Lower Nicola Indians.

WHEREAS William C. Dallin, Indian Agent, whose post-office address is Kamloops, B.C. as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act, 1914," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is Springs V and W, W.R.Map 6006.

(2.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 21st June, 1923.

Superseded by 11228
Final Licence

(4.) The purpose for which the water is to be used is irrigation and incidentally domestic use.

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 250 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2 ½ acre-feet: Provided that of the said 250 acre-feet there may be used 1000 gallons of water a day throughout the whole year for domestic purpose.

(6.) The period of the year during which the water may be used is 1st April to 30th September.

(7.) The area and description of the lands upon which the water may be used are 100 acres/lying between the Railway and Nicola River comprising part of the Nicola Mameet Indian Reserve No.1 of the Lower Nicola Indians.

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 7243

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—5803.

File No. 047918

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1930.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction ~~shall be commenced on or before the~~ has already been commenced.

~~day of ........................, 192...~~

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1930.

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to - - - - - - - - - Licence No. - - - - for the diversion of - - - - - acre-feet per annum from - - - - - - - - - - - - and Licence No. - - - - for the diversion of - - - - - - - - acre-feet per annum from - - - - - - - - - - - - - - - - but no more than - - - - - - - - acre-feet of water (exclusive of the quantity allowed for seepage and evaporation) may be diverted from all sources for use upon the lands described in clause 7 hereof.

(12.) This licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clauses (1) and (11) hereof and complete information obtained respecting the requirements of all the lands watered therefrom and the licensee shall surrender the licence for amendment when called upon to do so.

(13.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

(14.) ..........................................................................................

Issued this 20th day of November, 1923.

File No. 047918

E A Cleveland

*Comptroller of Water Rights.*

Licence Number 7243

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—8063.

ORIGINAL

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

## EXHIBIT "B."

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 327707 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ditches.

File No. 047918

E. A. Cleveland

*Comptroller of Water Rights.*

Form 1005, W.R.B. (Approval of Plans)—1,100-12-2111—(Forming part of Conditional Water Licence No. 7243

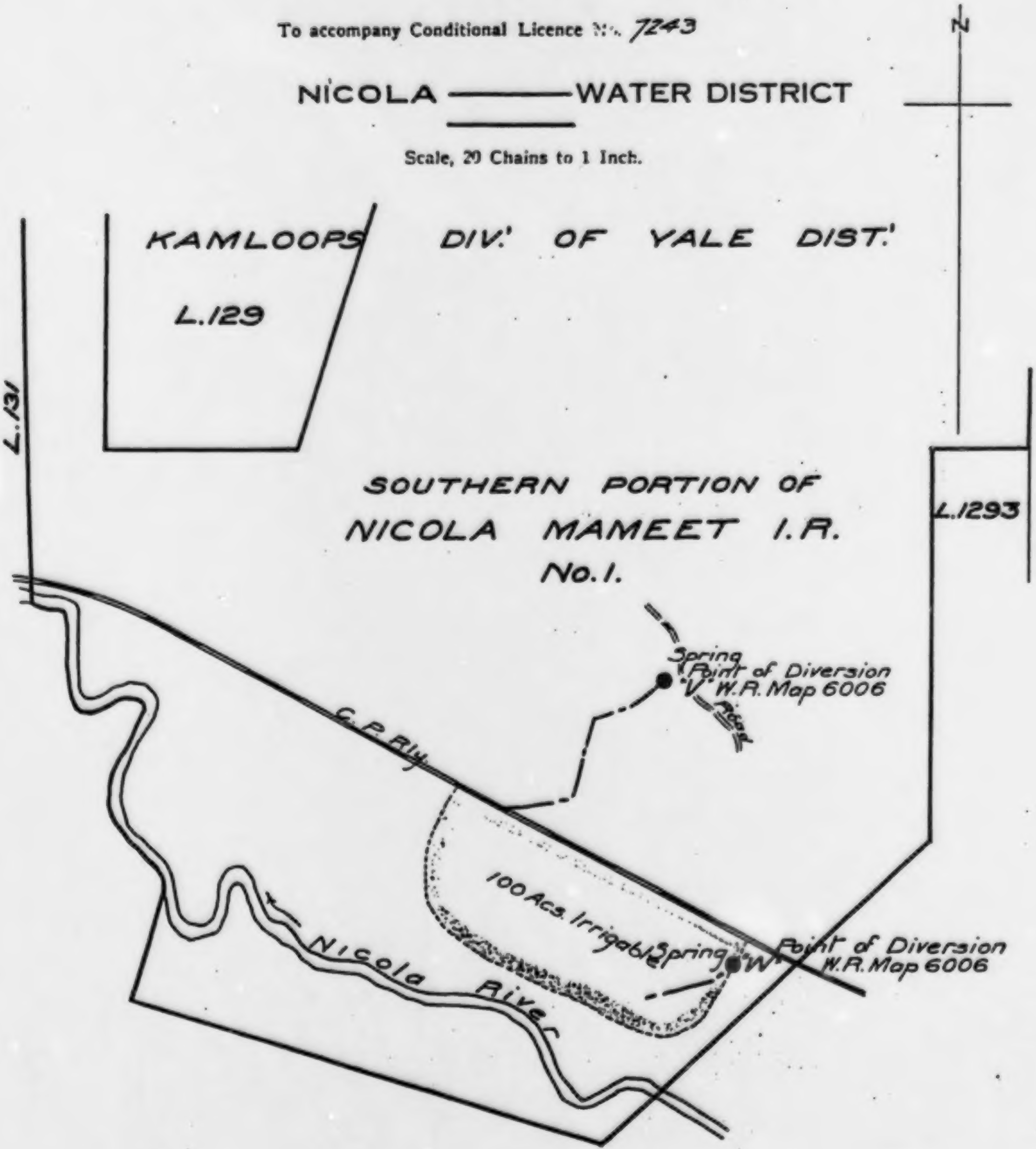
b006

# British Columbia.

To accompany Conditional Licence No. 7243

## NICOLA —— WATER DISTRICT

Scale, 20 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

A
GH.

Signature E. A. Cleveland

Date 20 Nov. 1923

C.L. 7243.
File 047918

EXHIBIT "A"

PROVINCE OF
BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

## CONDITIONAL WATER LICENCE.

### FOR STORAGE PURPOSE.

Appurtenant to 900 acres of the Nicola Mameet Indian
Reserve No.1 of the Lower Nicola Indians.

WHEREAS J.F.Smith, Indian Agent, in trust for the ~~whose~~ Indians, whose post-office address is Kamloops, B.C. as owner or lawful occupant of the land, mine, or undertaking hereinafter mentioned, has applied for a licence to store water; and

Whereas a licence or record has been previously issued or made in respect of the said land, mine, or undertaking, being Conditional Licence No. 6655 (hereinafter called the "diversion licence or record"), authorizing the beneficial use of 2250 acre feet (Quantity.) of water per annum for irrigation purpose, which quantity of water the water to be stored under the licence hereby issued is intended to supply in whole or in part; and

Whereas the said applicant has taken all the preliminary steps required of him under the "Water Act, 1914," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting a right to store water under the following terms and conditions:—

(a.) The source of the supply is Guichon Creek, tributary of Nicola River

and the reservoir Mamette Lake.

(b.) The point or points of diversion from the stream or streams, and the points where the stored water is to be placed in and taken from any natural watercourse or any dry gulch or draw is shown in the exhibit marked "A," hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria.

(c.) The date from which this licence and the right to store water thereunder shall take precedence is 21st October, 1920.

Superseded by 8985
Final Licence

(d.) The purpose for which the stored water is to be used is that set out in the diversion licence or record.

(e.) The maximum quantity of water which may be stored under this licence, estimated for the time being at 1125 acre-feet per annum, is such quantity as, together with the quantity of natural-flow water used under the diversion licence or record will be necessary to secure to the licensee the quantity to which he is entitled under the said diversion licence or record.

(f.) The period of the year during which the water may be stored (accumulated) is from the 1st day of October to the 15th day of June, but it may be retained in the reservoir until required for use under the diversion licence or record subject to the approval of the Engineer of the Water District.

Licence Number 7275.

Form 1008, W.R.B. (Conditional Licence—Storage).—1,000-6-21
File No. 026176

(*g.*) The land, mine, or undertaking on which or in respect of which the water may be used is as set out in the diversion licence or record.

(*h.*) The works which are required to be constructed consist of all the works set out in exhibit "B" hereto attached, which is incorporated herewith and made a part hereof.

(*i.*) The construction of the said works has already been commenced ~~shall be commenced on or before the~~ ~~day of ..., 192~~, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said construction shall be completed and the water beneficially used for the purpose set out in this licence on or before the 30th day of September, 1927.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(*l.*) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

(*m.*) ..........

Issued this 5th day of December, 1923.
File No. 026176

E A Cleveland
*Comptroller of Water Rights.*

Licence Number 7275

Form 1008, W.R.B. (Conditional Licence—Storage).—1,000-8-21

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# EXHIBIT "B."

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

---

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 147149 C & D

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Dam.

File No. 026176

[illegible] Oct-7-09
By FBW

E. A. Cleveland
*Comptroller of Water Rights.*

Form [illegible], W.R.B. (Approval of Plans)—[illegible]—(Forming part of Conditional Water Licence No. 7275.)

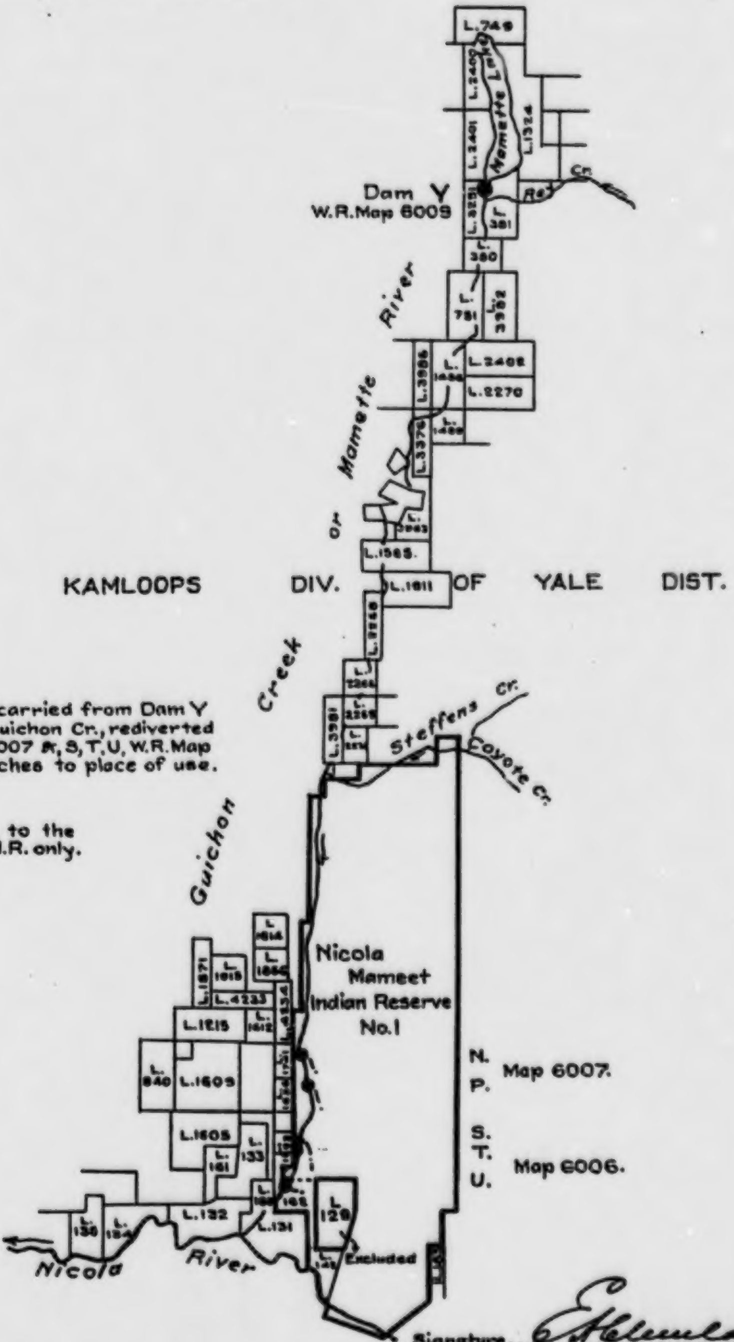
X

ORIGINAL

## NICOLA — WATER DISTRICT

To accompany Conditional Licence No. *7275*..............

Scale, 2 Miles to an Inch



The water may be carried from Dam Y Map 6009 through Guichon Cr., rediverted at N, & P, W.R. Map 6007 & S, T, U, W.R. Map 6006; thence by ditches to place of use.

Note:- Appurtenant to the Southern portion of I.R. only.

Signature....*E. A. Cleveland*..........

Date *5 Dec. 1923*

E JH.

EXHIBIT "A."

C.L. *7275* Storage for C.L. 6655
File 028176.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# CONDITIONAL WATER LICENCE

## (IRRIGATION)

Appurtenant to 200 acres of Nicola Mameet Indian Reserve No. 1, of the Lower Nicola Indians.

WHEREAS William C. Dallin, Indian Agent, in trust for the Indians, whose post-office address is Kamloops, B.C. as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act, 1914," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is Steffens Creek, a tributary of Guichon Creek.

(2.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 21st June, 1923.

Cancelled by
Final Licence 11585

(4.) The purpose for which the water is to be used is irrigation and incidentally domestic use.

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 500 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2 ½ acre-feet: Provided that of the said 500 acre-feet there may be used 1000 gallons of water a day throughout the whole year for domestic purpose.

(6.) The period of the year during which the water may be used is 1st April to 30th September.

(7.) The area and description of the lands upon which the water may be used are 200 acres, comprising parts of Nicola Mameet Indian Reserve No. 1, of the Lower Nicola Indjans.

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 7291

Form 1001, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—5003.

File No. C47920

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 1930.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction ~~shall be commenced on or before the~~ has already been commenced.

~~day of ......, 192..~~

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 1930.

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to ........ Licence No. ...... for the diversion of ...... acre-feet per annum from ........ and Licence No. ...... for the diversion of ...... acre-feet per annum from ........ but no more than ...... acre-feet of water (exclusive of the quantity allowed for seepage and evaporation) may be diverted from all sources for use upon the lands described in clause 7 hereof.

(12.) This licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clauses (1) and (11) hereof and complete information obtained respecting the requirements of all the lands watered therefrom and the licensee shall surrender the licence for amendment when called upon to do so.

(13.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of said Act, including especially the provisions of section 117 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

(14.) ........

Issued this 5th day of December, 1923.

File No. 047920

E A Cleveland

*Comptroller of Water Rights.*

Licence Number 7291

Form 1004, W.R.B. (Conditional Licence—Irrigation)—2,000-7-22—8002.

ORIGINAL.

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# EXHIBIT "B."

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

---

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 327709 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ditches.

File No. 047920

Map No. 6004-78
By TAW

E A Cleveland
Comptroller of Water Rights.

Form 1001, W.R.B. (Approval of Plans)—2,100-12-2111—(Forming part of Conditional Water Licence No. 7291.)

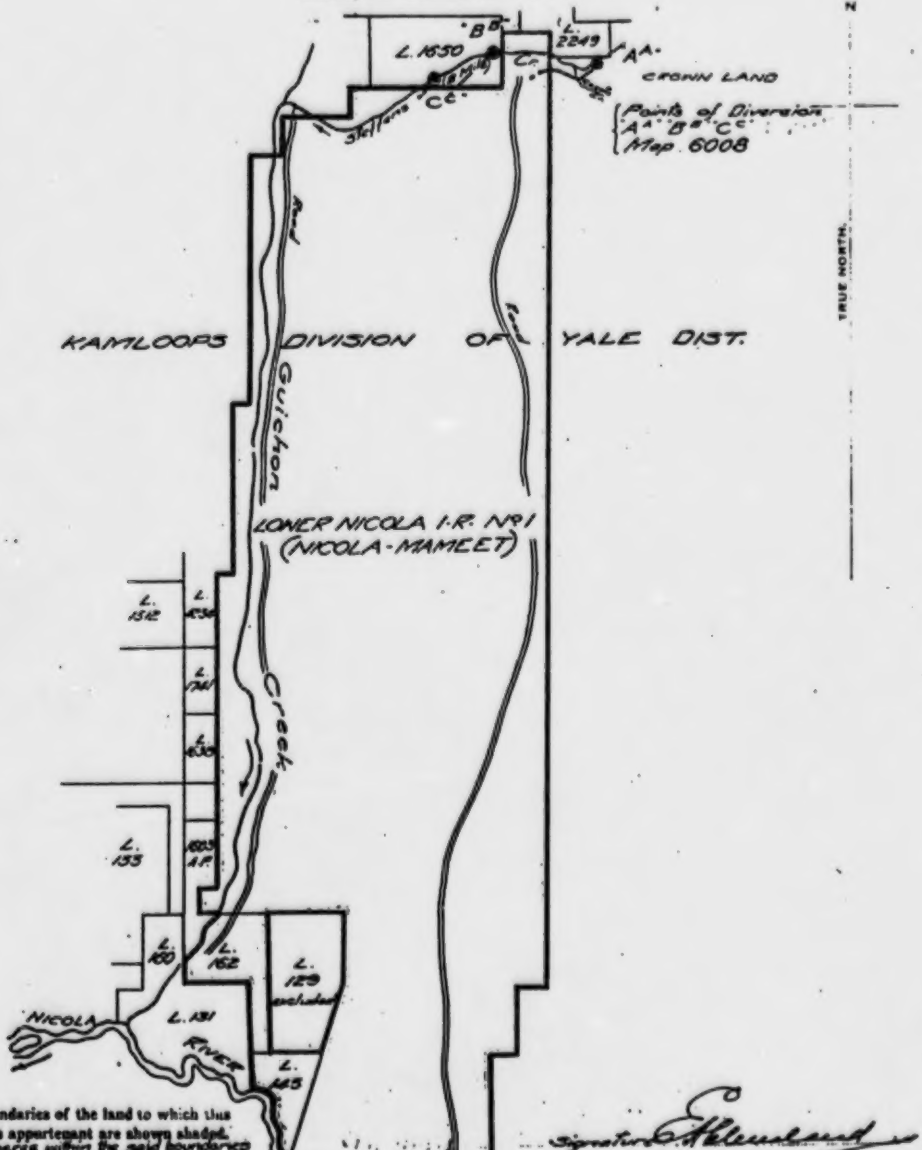
ORIGINAL

# British Columbia.

To accompany *Conditional Licence* No. *7291* .................... Precinct

## NICOLA WATER DISTRICT.

Scale, 80 Chains to 1 Inch.



Points of Diversion
"A"A "B"B "C"C
Map 6008

The boundaries of the land to which this licence is appurtenant are shown shaded.
& 200 acres within the said boundaries are claimed to be irrigable.

G.F.C.
Ch.

**EXHIBIT "A"**

Signature E. Cleveland

Date 5 Dec 1923

C.L. 7291
File 047920

W.R.B. 1002—5M-434-7888

PROVINCE OF
BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

# CONDITIONAL WATER LICENCE.

**Superintendent-General of Indian Affairs** of **Ottawa**, is

hereby authorized to **store** water as follows:—

(*a.*) The source of the water-supply is **Pye creek, tributary of Gody creek and the reservoir is on the said Pye creek.**

(*b.*) The point of **storage** is located as shown on the attached plan.

(*c.*) The date from which this licence shall have precedence is **27th October, 1936.**

(*d.*) The purpose for which the water is to be used is **as set out in Final Water Licence 9072.**

(*e.*) The maximum quantity of water which may be **stored is 30 acre feet per annum** and such additional quantity as the District Engineer may from time to time determine should be allowed for losses.

(*f.*) The period of the year during which the water may be **stored is 1st October to 15th June.**

(*g.*) The land upon which the water is to be used is **as set out in Final Water Licence 9072,**

(*h.*) The works for the **storage** of the water are **dam** as shown on the attached plan.

(*i.*) **and** shall be commenced on or before the **31st** day of **May** 193**7** and shall be completed and the water beneficially used on or before the **31st** day of **December** 193**8.**

ENTERED ON
6052/59
TD/ML

*Comptroller of Water Rights.*

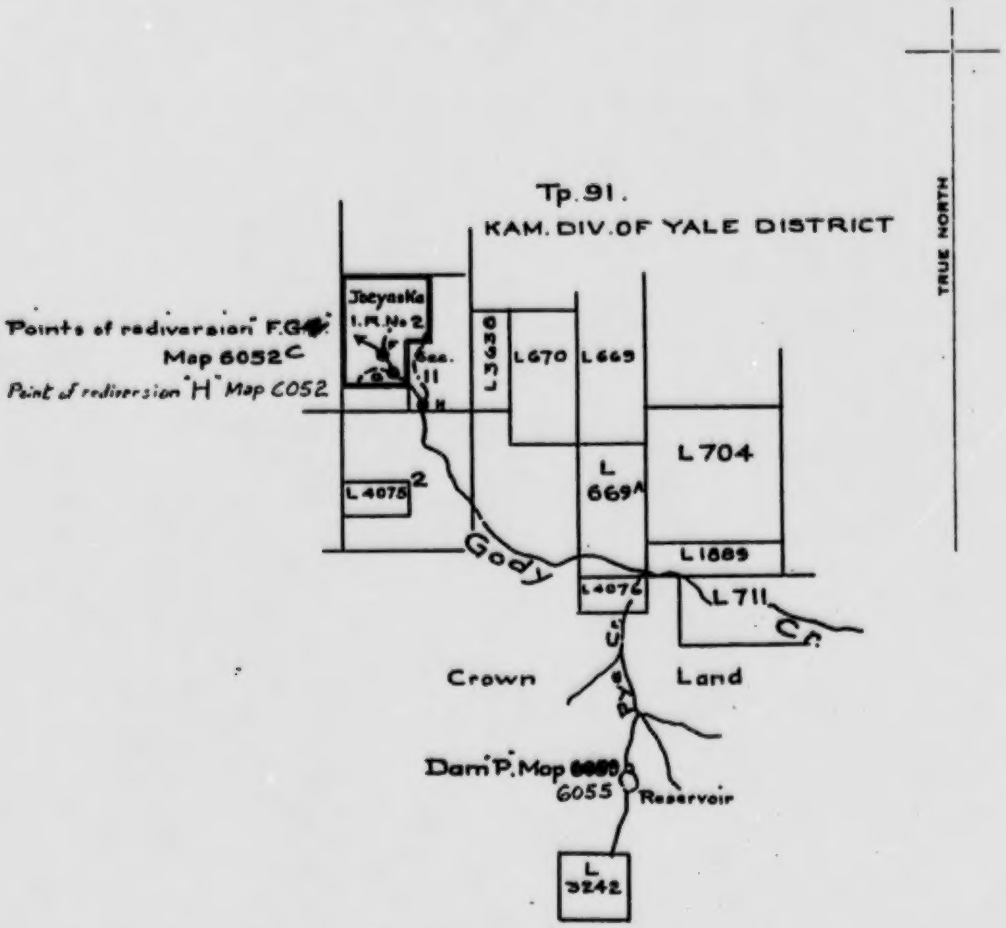
File No. **0128702** Date issued **December 10,1936.** Licence No. 13102

# British Columbia.

To accompany Conditional Licence No. 13102

## NICOLA WATER DISTRICT.

Scale 80 Chains to 1 Inch.



Signature J Macdonall

Date 10 Dec. 1936

C.L. 13102

File 0126702

**EXHIBIT "A"**

(Storage for F.L. 9072)

28

# ORDER

**File No. 0126702.**

The time for completion of works and putting the water to beneficial use in respect of Conditional Water Licence No. 13102, Director of Indian Affairs, Pye creek, is hereby extended to the 31st day of December, 1939.

Comptroller of Water Rights.

Dated at Victoria, B.C.,
this 3rd day of March, 1939.

Noted 6-3-39 CWS.

W.R.B. 13—4M-1947-4575 (2)

PROVINCE OF
BRITISH COLUMBIA

# Water Rights Branch

DEPARTMENT OF
LANDS AND FORESTS

## CONDITIONAL WATER LICENCE

DIRECTOR OF INDIAN AFFAIRS of Ottawa, Canada, is

hereby authorized to divert and use water as follows:—

(*a*) The source of the water-supply is Mameet Spring.

(*b*) The point of diversion is located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 23rd February, 1948.

(*d*) The purpose for which the water is to be used is Irrigation.

(*e*) The maximum quantity of water which may be diverted is 250 acre feet per annum and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is 1st April to 30th September.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is South portion of Indian Reserve No. 1, Nicola Mameet, of which 100 acres may be irrigated.

(*h*) The works authorized to be constructed are Headgate and Ditches and they shall be located approximately as shown on the attached plan.

(*i*) The construction of the said works shall be commenced on or before the 30th day of June 1948 and shall be completed and the water beneficially used on or before the 31st day of December 1952.

ENTERED ON
Map No. 6996
By

Deputy Comptroller of Water Rights.

File No. 0172434 Date issued May 1, 1948 Licence No. 18480

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

# ORDER

## WATER ACT

## Section 13

File No. **0172434**

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. **18480**, **Mameet Spring** to the 31st day of December, 19**57**.

**(W.A. Ker)**
**Deputy** Comptroller of Water Rights.

DATED at Victoria, B. C.,

this **8th** day of

**February**,

19**56**

W.R.B. 42

# British Columbia.

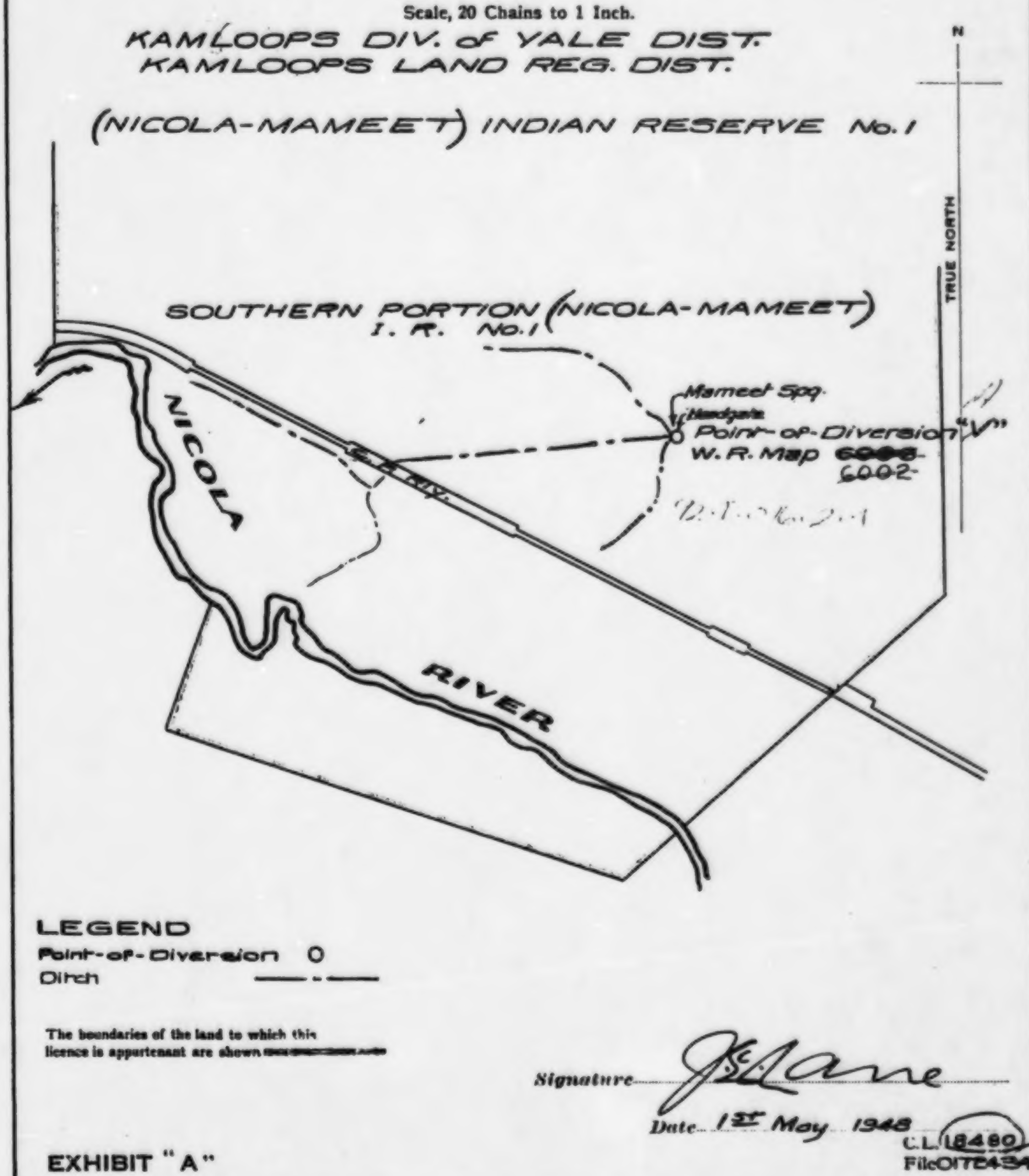
To accompany Conditional Licence No. 18480

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.

KAMLOOPS DIV. OF YALE DIST.
KAMLOOPS LAND REG. DIST.

(NICOLA-MAMEET) INDIAN RESERVE No. 1


N
TRUE NORTH
SOUTHERN PORTION (NICOLA-MAMEET) I. R. No. 1
Mameet Spg.
Headgate
Point-of-Diversion "V"
W. R. Map ~~[illegible]~~ 6002
C. P. Ry.
NICOLA
RIVER

**LEGEND**

Point-of-Diversion ○

Ditch —— · ——

The boundaries of the land to which this licence is appurtenant are shown

*Signature*

*Date* 1st May 1948

C.L. 18480
File 0177434

**EXHIBIT "A"**

W.R.B. 13—6M-346-2582 (3)

**PROVINCE OF BRITISH COLUMBIA** | **Water Rights Branch** | **DEPARTMENT OF LANDS AND FORESTS**

# CONDITIONAL WATER LICENCE

THE DIRECTOR OF INDIAN AFFAIRS of Ottawa, Canada, is

hereby authorized to divert and use water as follows:—

(*a*) The source of the water-supply is Morgan Creek, tributary of Guichon Creek.

(*b*) The point of diversion is located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 3rd June, 1948.

(*d*) The purpose for which the water is to be used is irrigation.

(*e*) The maximum quantity of water which may be diverted is 75 acre feet per annum and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f*) The period of the year during which the water may be used is 1st April to 30th September.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is Nicola Mameet Indian Reserve No. 1, Kamloops Division of Yale District, of which 30 acres may be irrigated.

(*h*) The works authorized to be constructed are headgates and ditches

and they shall be located approximately as shown on the attached plan.

(*i*) The construction of the said works shall be commenced on or before the 31st day of May 1949 and shall be completed and the water beneficially used on or before the 31st day of December 1951.

ENTERED ON
Map No. 1G007
By A.L

J.E. Lane
Deputy *Comptroller of Water Rights.*

File No. 0173794 Date issued January 3, 1949. Licence No. 18873

X

THE GOVERNMENT OF THE PROVINCE OF BRITISH COLUMBIA

**WATER RIGHTS BRANCH**
**DEPARTMENT OF LANDS AND FORESTS**

# ORDER

## WATER ACT

### Section 13

File No. 0173794

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 18872 , Morgan Creek to the 31st day of December, 1961.

V. Raudsepp

V. Raudsepp,
Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 30th day of June , 1959.

W.R.B. 42

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

# ORDER

## WATER ACT

### Section 13

File No. 0173794

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 18872 , Morgan Creek to the 31st day of December, 1958.

V. Raudsepp,

V. Raudsepp,
Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 12th day of April , 1957.

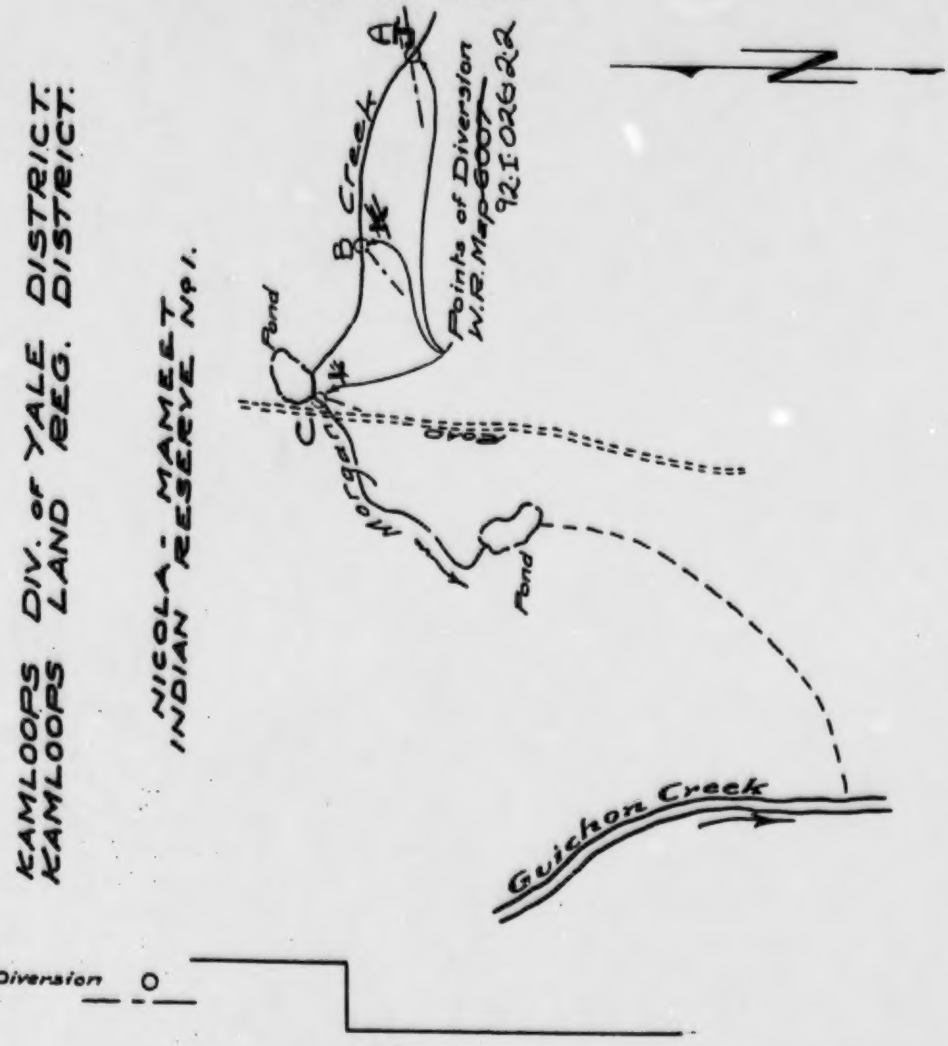
W.R.B. 42

British Columbia.

To accompany Conditional Licence No. 18872

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



**LEGEND**

*Points of Diversion* ○

*Ditch.* — - —

D.L. 1614

Signature

Date 3rd. Jan. 1949

C.L. 18872

File 0173794

EXHIBIT "A"

*For Storage see C.L. 18873*

W.R.B. 13—6M-448-8563 (3)

**PROVINCE OF BRITISH COLUMBIA**

# Water Rights Branch

**DEPARTMENT OF LANDS AND FORESTS**

## CONDITIONAL WATER LICENCE

THE DIRECTOR OF INDIAN AFFAIRS of Ottawa, Canada, is

hereby authorized to store water as follows:—

(a) The source of the water-supply is Morgan Creek, tributary of Guichon Creek.

(b) The point of storage is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 3rd June, 1948.

(d) The purpose for which the water is to be used is as set out in Conditional Water Licence No. 18872

(e) The maximum quantity of water which may be stored is 63 acre feet per annum and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f) The period of the year during which the water may be stored is 1st October to 15th June.

(g) The land upon which the water is to be used and to which this licence is appurtenant is as set out in Conditional Water Licence No. 18872

(h) The works authorized to be constructed are dam as shown on Plan 3676B filed with the Comptroller of Water Rights, File 0173795

and they shall be located approximately as shown on the attached plan.

(i) The construction of the said works shall be commenced on or before the 31st day of May 1949 and shall be completed and the water beneficially used on or before the 31st day of December 1951.

ENTERED ON
Map No. G/007
By A.W.L.

12 Mar. 1962
Abandoned

Deputy Comptroller of Water Rights

File No. 0173795 Date issued January 3, 1949. Licence No. 18873

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

# ORDER

## WATER ACT

## Section 13

File No. 0173795

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 18873 , Morgan Creek to the 31st day of December, 1961.

V. Raudsepp
V. Raudsepp,

Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 30th day of June , 1959.

W.R.B. 42

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

# ORDER

## WATER ACT

### Section 13

File No. 0173795

The provisions of the B. C. Water Act having been complied with and being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. 18873 , Morgan Creek to the 31st day of December, 1958.

V. Raudsepp,
Deputy Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 12th day of April , 1957.

W.R.B. 42

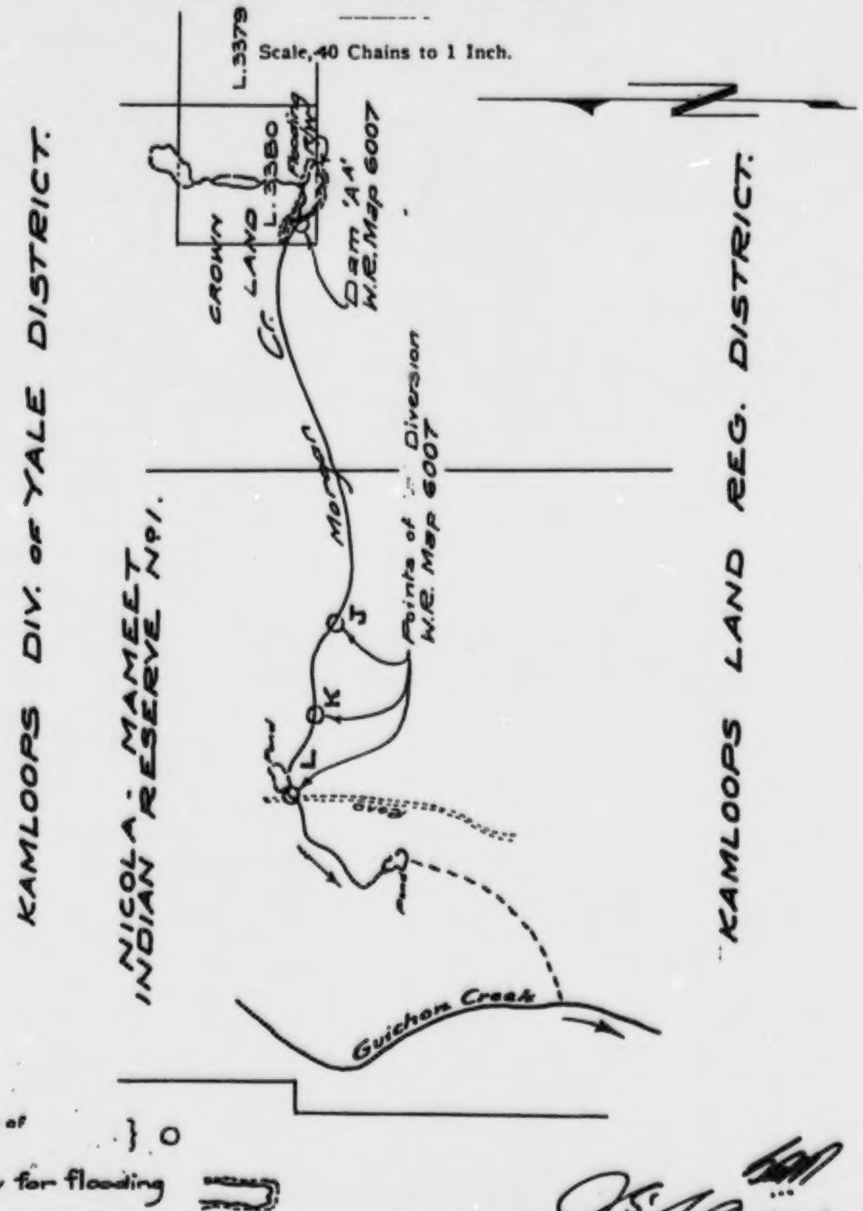
13

# British Columbia.

To accompany Conditional Licence No. 18873
and Permit for Right-of-Way over Crown Land

## NICOLA WATER DISTRICT.

Scale, 40 Chains to 1 Inch.


L.3379
L.3380
Flooding
CROWN LAND
Cr.
Dam 'AA' W.R. Map 6007
Morgan
Points of Diversion W.R. Map 6007
J
K
L
Guichon Creek
KAMLOOPS DIV. OF YALE DISTRICT.
NICOLA-MAMEET INDIAN RESERVE No. 1.
KAMLOOPS LAND REG. DISTRICT.

**LEGEND**
Dam & Points of Diversion } ○

Right-of-Way for flooding

do. spillway

Signature J.E. Lane

Date 3rd Jan. 1949

C.L. 18873
File 0173795

EXHIBIT "A"

For R/W. see Ref-Map 6 (C-2)
For Diversion see C.L. 18872

**WATER MANAGEMENT BRANCH**

**MINISTRY OF ENVIRONMENT**

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

# CONDITIONAL WATER LICENCE

Lower Nicola Indian Band of P. O. Box 188, Merritt, B. C. V0K 2B0

is hereby authorized to divert and use water as follows:

(a) The source of the water supply is Chartrand Creek.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 31st May, 1910.

(d) The purposes for which this licence is issued are irrigation and domestic.

(e) The maximum quantity of water which may be diverted for irrigation purpose is 50 acre feet per annum and for domestic purpose is 500 gallons a day.

(f) The period of the year during which the water may be used for irrigation purpose is 1st April to 30th September and for domestic purpose is the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is Lower Nicola Indian Reserve #3 (Pipseul) of which 20 acres may be irrigated.

(h) The works authorized to be constructed are diversion structures, pumps, pipes and sprinkler system, which shall be located approximately as shown on the attached plan.

(i) The construction of the said works shall be completed and the water beneficially used on or before the 31st of December, 1989.

(k) This licence is supplementary to Final Water Licence 8998, Guichon Creek, and the maximum quantity of water which may be diverted under this licence is the quantity which together with the quantity available under Final Water Licence 8998, will provide 76 acre-feet per annum.

(l) This licence is issued in substitution of Final Water Licence 6546, under Sections 15 and 16 of the Water Act.

D. E. Farrell
Deputy Comptroller of Water Rights

File No. 0265397 Date issued: November 8, 1985 Conditional Licence 61139

W-183 AMENDED 22.1.86

**Province of British Columbia**

Ministry of Environment

Water Management Branch

# ORDER

## WATER ACT

### Section 15

File No. 0265397

In the matter of Conditional Water Licence 61139, which authorizes the diversion of water from Chartrand Creek for irrigation and domestic purposes on Lower Nicola Indian Reserve No. 3 (Pipseul) of which 20 acres may be irrigated.

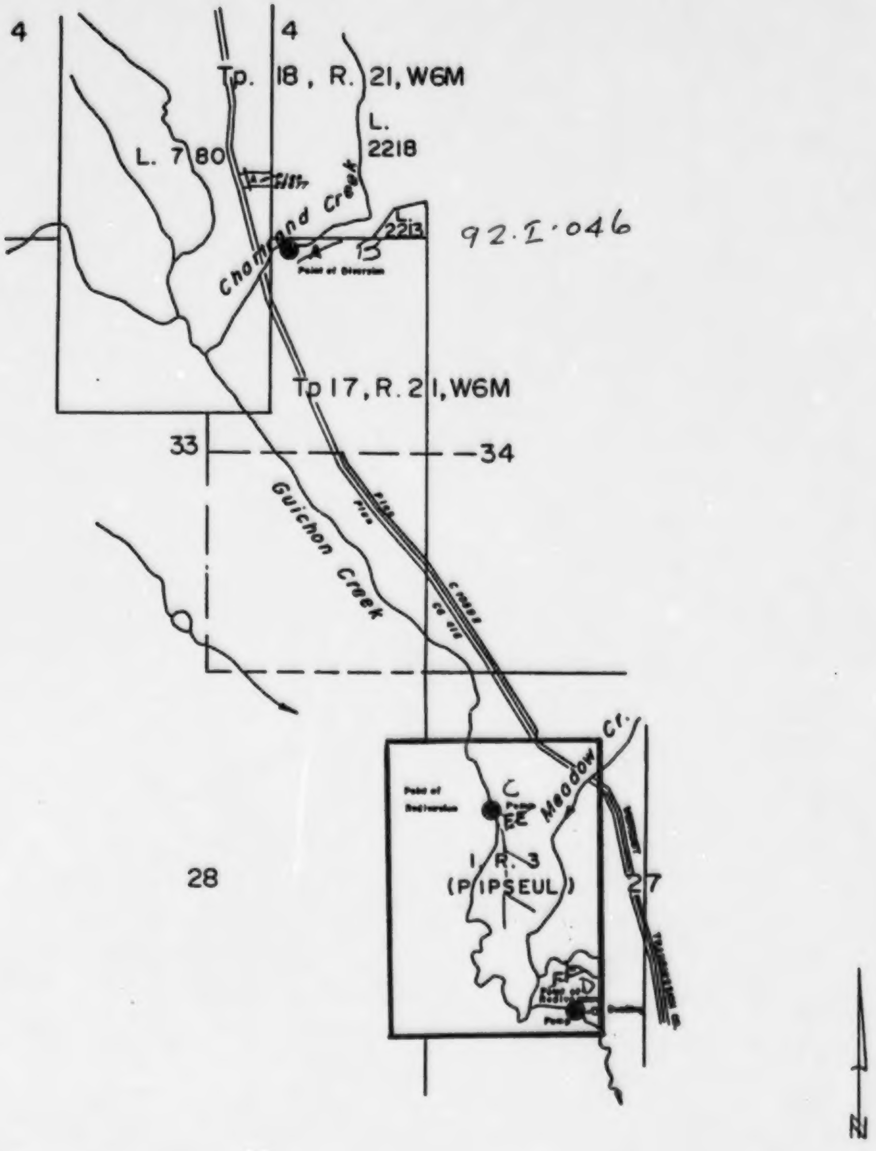
Having determined that clause (b) was erroneously stated, and being satisfied that no persons rights will be injuriously affected, I hereby amend clause (b) of said licence to read as follows:

(b) The points of diversion and rediversion are located as shown on the attached plan.

Dated at Victoria, B.C., this 22nd day of January, 1986.

J. E. Farrell,
Deputy Comptroller of Water Rights.

## Province of British Columbia



92.I.046

WATER DISTRICT : NICOLA
PRECINCT : LOWER NICOLA
LAND DISTRICT : KAMLOOPS DIVISION OF YALE

Signature
Date November 8, 1985

C.L. 61139 for F.L. 6546
File 0265397

LEGEND

Scale : 1:20000
Point of Diversion : ●
Map Number : WR6012
Pipe : ——— - ———

The boundaries of the land to which this licence
is appurtenant are shown thus: ————

WATER MANAGEMENT
BRANCH

BC ENVIRONMENT, LANDS
& PARKS

## THE PROVINCE OF BRITISH COLUMBIA - WATER ACT

## CONDITIONAL WATER LICENCE

LOWER NICOLA INDIAN BAND of PO Box 198, Merritt, BC VOK 2B0

is hereby authorized to divert, store and use water as follows:

(a) The stream on which the rights are granted is Hector Creek and the reservoir is the creek.

(b) The storage site and points of rediversion are located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 20th July, 1989.

(d) The purposes for which this licence is issued are storage and irrigation.

(e) The maximum quantity of water which may be stored and used is 295.0 acre-feet per annum.

(f) The period of the year during which the water may be stored is 1st October to 15th June and used for irrigation purpose is 1st April to 30th September.

(g) The land upon which the water is to be used and to which this licence is appurtenant is Nicola-Mameet Indian Reserve No. 1 of which 118 acres may be irrigated.

(h) The authorized works are dam, diversion structure, ditch, junction box, pipe and sprinkler system located approximately as shown on the attached plan.

(i) The construction of the said works shall be completed and the water beneficially used prior to the 31st day of December, 1995. Thereafter, the licencee shall continue to make regular beneficial use of water in the manner authorized herein.

(j) Construction or reconstruction of the dam shall not be commenced until plans have been submitted to and written leave to commence construction granted by an engineer under the Water Act.

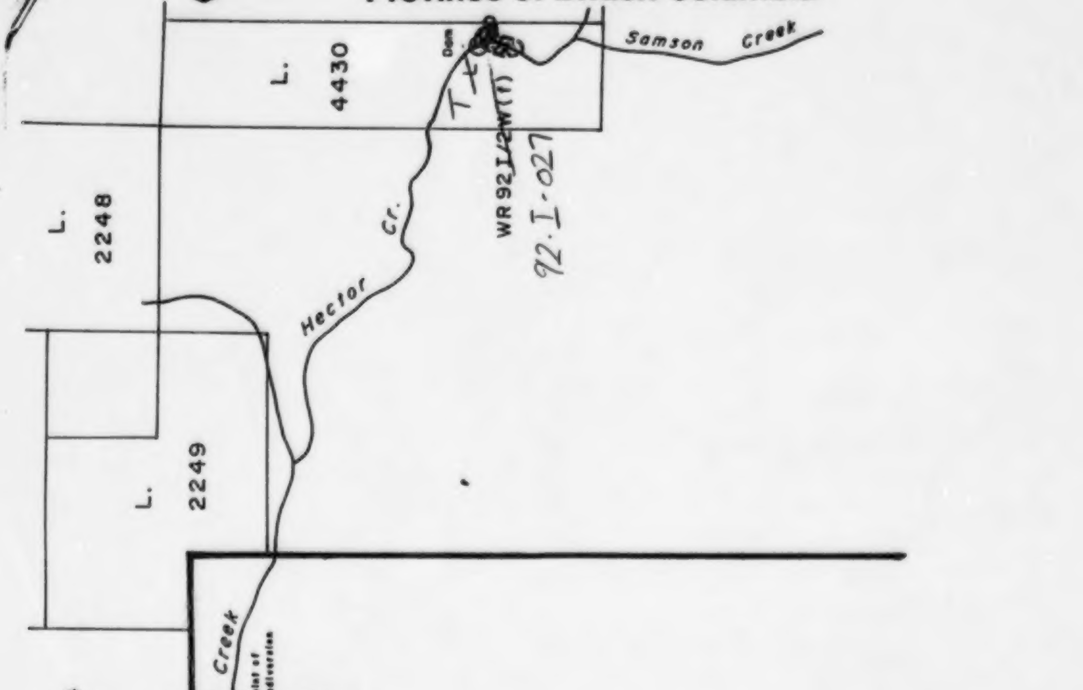
(k) The water authorized to be diverted and used under this licence must be released from storage provided on the reservoir.

Allan D Zackodnik

A.D. Zackodnik
Regional Water Manager
Southern Interior Region

File No: 3001496 Date: July 22, 1992 CONDITIONAL WATER LICENCE 68634

## Province of British Columbia



WATER DISTRICT : NICOLA
PRECINCT : LOWER NICOLA
LAND DISTRICT - KAMLOOPS DIVISION OF YALE

Signature Allan A
Date 92/07/22

LEGEND

Scale : 1:20,000
Point of Diversion : ●
Map Number : WR 92·I·026·2·4
Pipe : ——— – ———
Permit over Crown Land: ▨
Ditch : ——— - - ———

C.L. 68634
File 3001496
P.C.L. 18313

WATER MANAGEMENT
BRANCH

BC ENVIRONMENT, LANDS
& PARKS

# THE PROVINCE OF BRITISH COLUMBIA - WATER ACT

## CONDITIONAL WATER LICENCE

LOWER NICOLA INDIAN BAND of PO Box 188, Merritt, BC VOK 2B0

is hereby authorized to divert and use water as follows:

(a) The stream on which the rights are granted is Steffens Creek.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 21st June, 1923.

(d) The purpose for which this licence is issued is irrigation.

(e) The maximum quantity of water which may be diverted is 76.25 acre-feet per annum.

(f) The period of the year during which the water may be used is 1st April to 30th September.

(g) The land upon which the water is to be used and to which this licence is appurtenant is the northerly portion of Indian Reserve No. 1, Nicola-Mameet of which 30.5 acres may be irrigated.

(h) The authorized works are diversion structure, ditch, junction box, pipe and sprinkler system located approximately as shown on the attached plan.

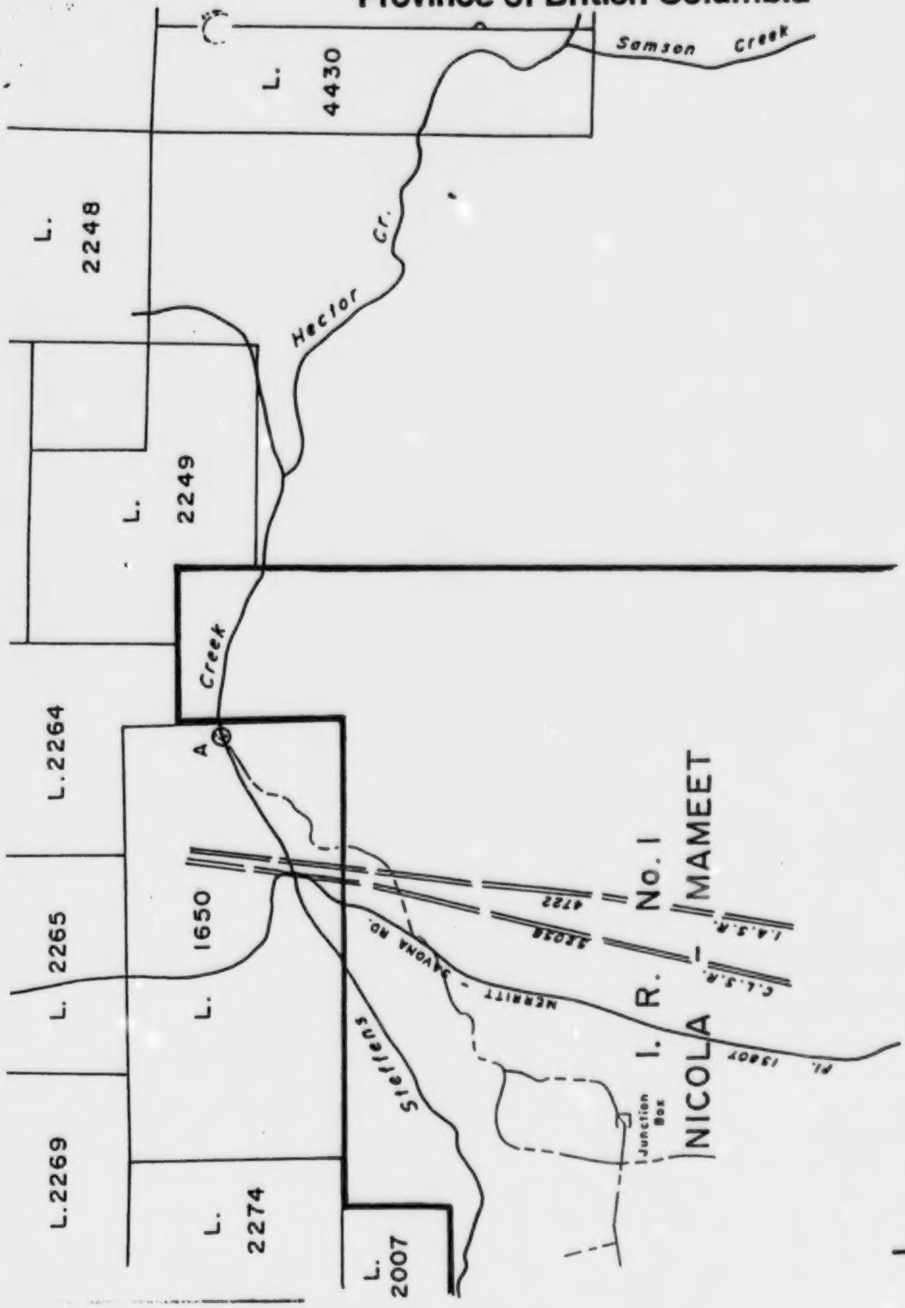
(i) The construction of the said works has been completed and the water is being beneficially used. The licensee shall continue to make beneficial use of the water in the manner authorized herein.

(j) This licence is issued in substitution of Final Water Licence 11585 under Section 15 of the Water Act.

A.D. Zackodnik
Regional Water Manager
Southern Interior Region

File No: 0047920 Date: July 22, 1992 CONDITIONAL WATER LICENCE 68635

**Province of British Columbia**



WATER DISTRICT : NICOLA
PRECINCT : LOWER NICOLA
LAND DISTRICT . KAMLOOPS DIVISION OF YALE

Signature Allan Zachorchuk
Date 92/07/20

LEGEND

Scale : 1:20,000
Point of Diversion : ⓐ
Map Number : WR 92·I·026·2·4
Pipe : --- ——
Ditch : ——— — — ———

C.L.68635 for F.L.11585
File 0047920

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

# WATER RIGHTS BRANCH.

# FINAL WATER LICENCE.

## (Irrigation.)

WHEREAS THE SUPERINTENDENT-GENERAL OF INDIAN AFFAIRS, whose address is Ottawa, Ontario. is the owner of the lands to which Conditional Licence No. 6655 was made appurtenant, and is the applicant for this licence; and

Whereas satisfactory proof has been duly filed, and it has been shown to the satisfaction of the Comptroller that the terms of the said conditional licence have been complied with satisfactorily, and particularly that the works for the diversion and carriage of the water under the said licence have been completed and that beneficial use of the water has been made thereunder:

Now, therefore, in pursuance of the "Water Act," this final licence is issued, granting the licensee thereunder the right to take and use water under the following terms and conditions:—

(a.) The source of the water-supply is Guichon creek,

a tributary of Nicola river.

(b.) The points of diversion from the stream ~~is~~ are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria.

(c.) The date from which this licence and the right to take and use water thereunder shall take precedence is 2nd May 1889.

(d.) The purpose for which the water is to be used is irrigation & incidentally domestic.

(e.) The maximum quantity of water which may be used at the place of use when all the lands mentioned in item (g) hereof are under irrigation is, until lawfully altered, 1185 acre-feet per annum; and the maximum quantity which may be used per acre at the said place of use in any year is 2½ acre-feet: Provided that if any records have been issued, or if any other licences have been or may hereafter be issued, for the use of water upon the said lands, the maximum quantity allowed under this licence shall be reduced by such quantities as may from time to time be used upon the said lands under such other records or licences, including the records or licences at present outstanding, namely, Licence No. - - from - - (Stream.)

and Licence No. - - from - - (Stream.)

And provided further that in such cases the Comptroller may, after the requisite hydrographic data has been accumulated for determining the particular quantity of water which may be used under this licence, require the surrender thereof for the purpose of readjustment, and may amend the same by stating therein such particular quantity so determined. The maximum quantity which may be diverted from the stream per annum

W.R.B. 1023 (1) Final Licence—Irrigation—2M-432-8061

Licence Number 8229

File No. 25-5-1. - 0241031

is 1185 acre-feet plus such reasonable allowance for evaporation and seepage as may be set by the District Engineer.

(*f*.) The period of the year during which the water may be used for Irrigation is

1st May to 30th September.

(*g*.) The area and description of the irrigable lands to which this licence shall be appurtenant, subject to beneficial use being made of the water in the irrigation of the said lands, are

474 acres, comprising part of South portion of Nicola Mameet Indian Reserve No. 1 of the Lower Nicola Indians.

; the extent and location of the said lands are further shown by cross-hatching in the said exhibit "A."

(*h*.) The works for the diversion and the carriage of the water consist of ditches.

(*i*.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(*j*.) The nature and extent of the incidental use (if any) permitted under this licence are

15,000 gallons a day of water to be used throughout the whole year for Domestic purpose.

but such use shall not enlarge the quantity of water allowed under item (*e*) above.

(*k*.) The diversion of the quantity of water permitted under this licence shall be limited to such rates of flow in the months of the irrigation season as may be determined, after hydrographic surveys, to be reasonable for the production of ordinary crops on the said lands, and the Comptroller may, after such surveys have been made, require the surrender of this licence and may amend the same by specifying therein such maximum rates of flow.

(*l*.) The terms and conditions of this licence shall replace those of the conditional licence hereinbefore referred to.

(*m*.) - -

Issued this 15th day of September, 1932.

File No. 25-5-1.

*Comptroller of Water Rights.*

Licence Number 8239

W.R.B. 1023 (2) Final Licence—Irrigation—2M-432-[illegible]

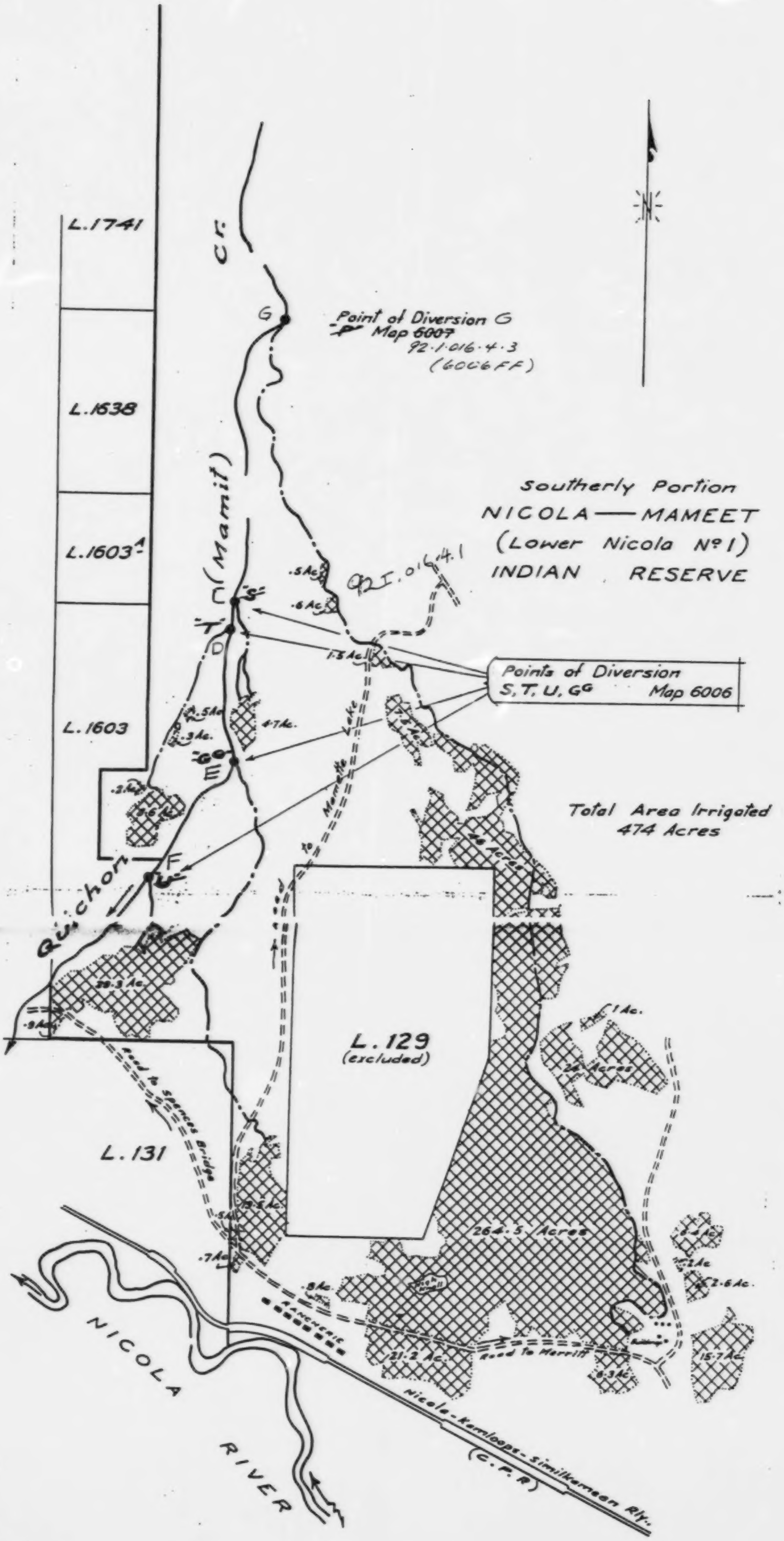
6006/07

ORIGINAL

# NICOLA WATER DIST.

To accompany Final Licence Nº 8229
Scale; 20 Chains to an Inch

## KAMLOOPS DIVISION OF YALE DISTRICT



G.R.F.

Signature

Date 15. Sept. 1932

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Guichon creek,

a tributary of Nicola river.

(b.) The point of storage ~~diversion from the stream~~ is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 21st October, 1920.

(d.) The purpose for which the water is to be used is set out in Final Licence 8229.

(e.) The maximum quantity of water which may be stored ~~diverted from the stream~~ is 948 acre-feet per annum.

(f.) The period of the year during which the water may be ~~used is~~ stored is 1st October to 15th June.

(g.) The land upon which the water may be used is set out in Final Licence 8229,

as shown in the said Exhibit "A."

(h.) The works for the storage ~~diversion and the carriage~~ of the water consist of a concrete dam.
See F.L. 8939

(i.) This licence is issued in substitution of Conditional Water Licence No. 7275.

Issued this 20th day of August, 1934.

J. Macdonald
*Comptroller of Water Rights.*

6006/97/09

File No. 026176.

Licence No. 8935

W.R.B. 2—1M-434-7094

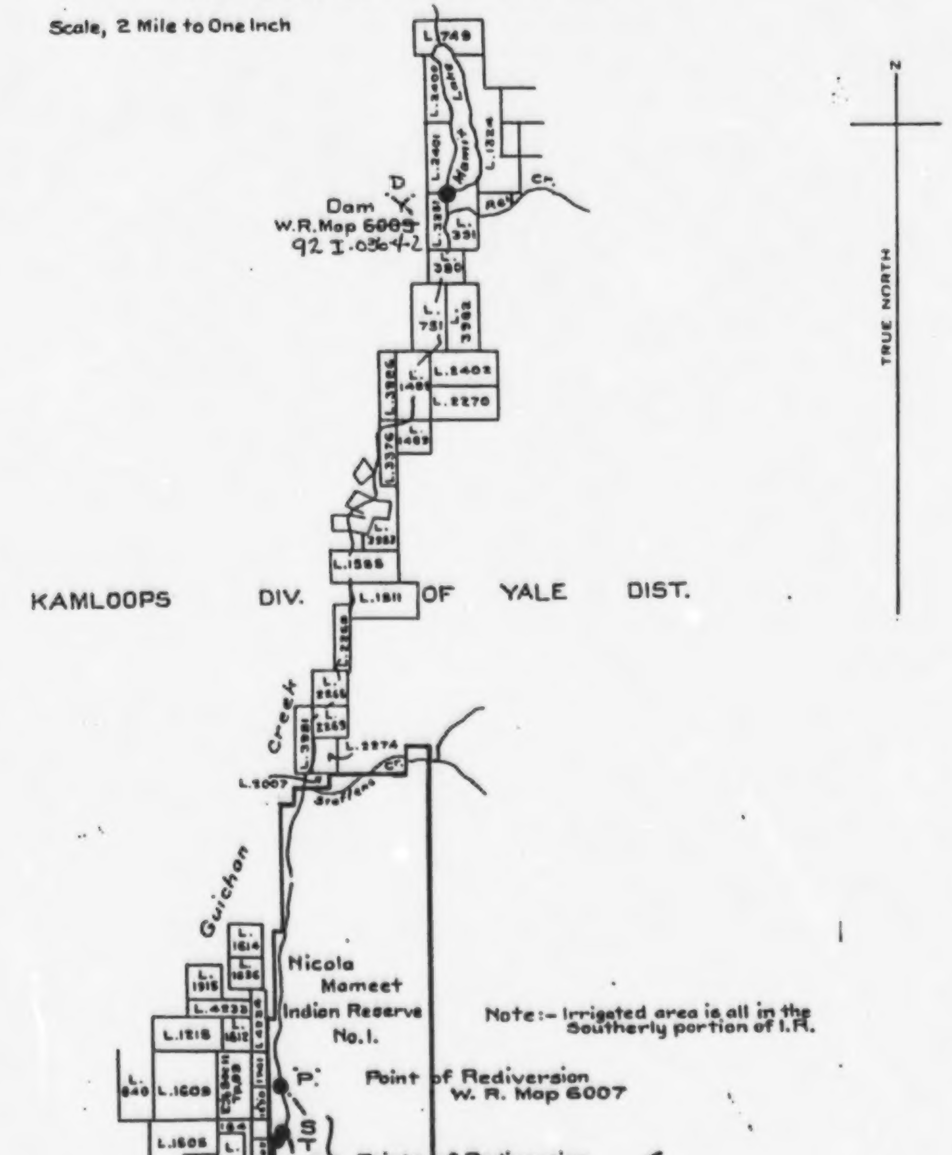
8/

# British Columbia.

To accompany Final Licence 8935

## NICOLA WATER DISTRICT.

Scale, 2 Mile to One Inch



C. QH.

Signature

Date 20th August 1934
F.L. 8935 for C.L. 7275
File 026176
For diversion see F.L. 8229

EXHIBIT "A"

PROVINCE OF
BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

## FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The sources of the water-supply ~~is~~ are Guichon and Meadow creeks,

a tributary of Nicola river.

(*b.*) The points of diversion from the stream ~~is~~ are located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 21st June, 1923.

(*d.*) The purpose for which the water is to be used is irrigation and domestic.

(*e.*) The maximum quantity of water which may be diverted from the stream is 100 acre-feet per annum (being 76 acre-feet from Guichon creek and 24 acre-feet from Meadow creek) of which quantity 1000 gallons a day may be used for domestic purpose.

(*f.*) The period of the year during which the water may be used is 1st April to 30th September.

(*g.*) The land upon which the water may be used is 50 acres, being part of Pipseul Indian Reserve No.3 of the Lower Nicola Indians, as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7240.

Issued this 10th day of November, 1934.

Jmacdonald
*Comptroller of Water Rights.*

6010

File No. 047921.

Licence No. 8998

W.R.B. 2—1M-484-7004

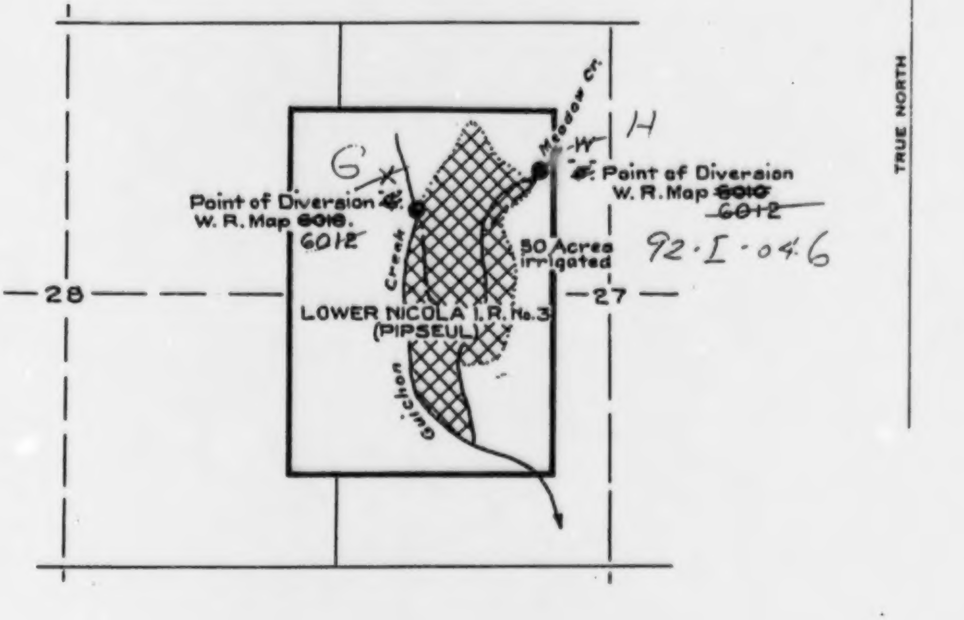
# British Columbia.

To accompany Final Licence No. 8998

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.

TP. 17. R. 21. W. 6TH M.



The boundaries of the land to which this licence is appurtenant are shown shaded.

C.
CHI.

**EXHIBIT "A"**

Signature J. Macdonald

Date 10th Nov. 1934

F.L. 8998 for C.L 7240
File 047921

PROVINCE OF BRITISH COLUMBIA. | **WATER RIGHTS BRANCH.** | DEPARTMENT OF LANDS.

# FINAL WATER LICENCE.

**The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—**

(*a.*) The source of the water-supply is Shuta creek,

a tributary of Clapperton creek.

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 2nd May, 1889.

(*d.*) The purpose for which the water is to be used is irrigation and domestic.

(*e.*) The maximum quantity of water which may be diverted from the stream is 270 acre-feet per annum of which quantity 1000 gallons a day may be used for domestic purpose.

(*f.*) The period of the year during which the water may be used is from 1st April to 30th September for irrigation, and for domestic use throughout the year.

(*g.*) The land upon which the water may be used is 90 acres of the northerly portion of Zoht No.1 Indian Reserve (Lower Nicola No.4) as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 6651 (in part).

Issued this 20th day of November, 1934.

*Comptroller of Water Rights.*

File No. 20-5-1. -0241030

Licence No. 9002

W.R.B. 2—1M-424-7094

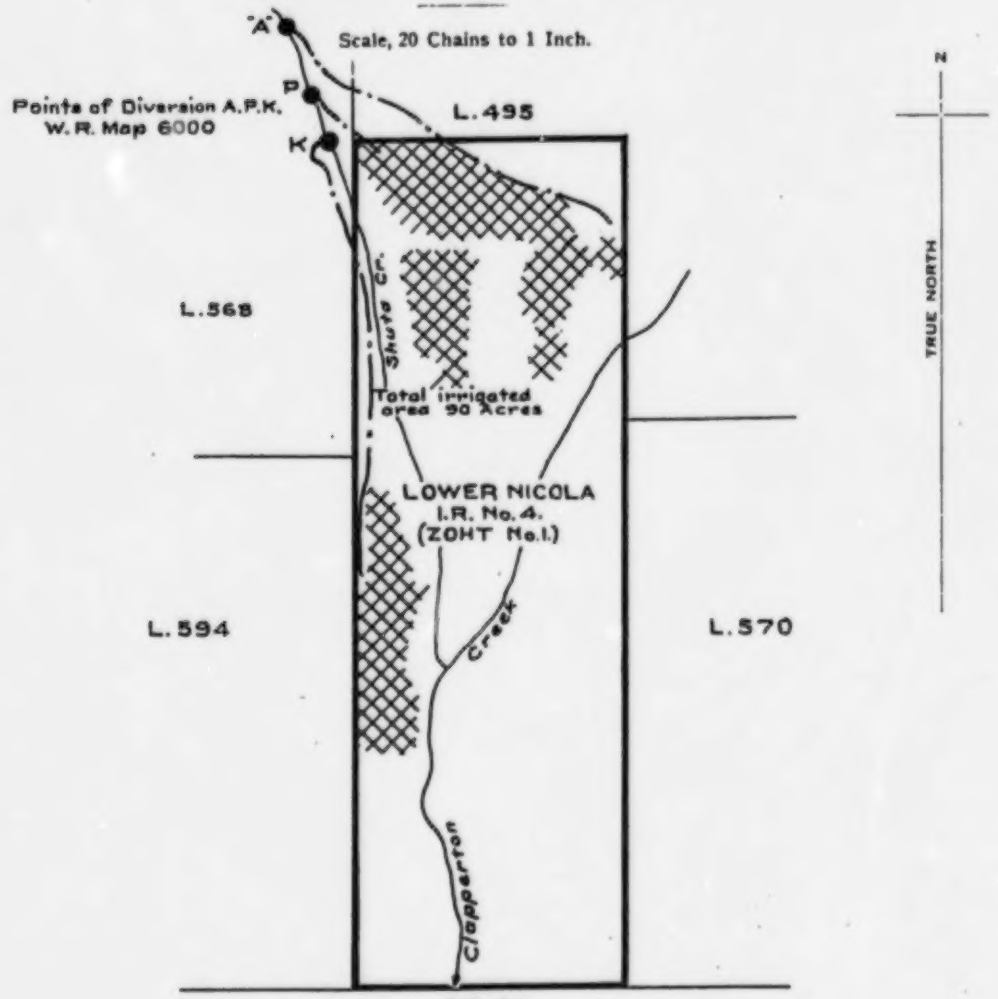
**ORIGINAL.**

3 [illegible]

# British Columbia.

To accompany Final Licence No. 9002

## NICOLA WATER DISTRICT.



The boundaries of the land to which this licence is appurtenant are shown shaded.

C.
EM.

Signature J. Macdonald

Date 20th Nov. 1934

F. L. 9002 for C.L. 6651 in part

File 20-5-1

EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA. | **WATER RIGHTS BRANCH.** | DEPARTMENT OF LANDS.

# FINAL WATER LICENCE.

**The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—**

**(a.) The source of the water-supply is** Clapperton creek,

a tributary of Nicola river.

**(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.**

**(c.) The date from which this licence shall have precedence is** 2nd May, 1889.

**(d.) The purpose for which the water is to be used is** irrigation and domestic.

**(e.) The maximum quantity of water which may be diverted from the stream is** 66 acre-feet per annum of which quantity 1000 gallons a day may be used for domestic purpose.

**(f.) The period of the year during which the water may be used is** from 1st April to 30th September for irrigation, and for domestic use throughout the year.

**(g.) The land upon which the water may be used is** 22 acres of the southerly portion of Zoht No.1 Indian Reserve (Lower Nicola No.4) as shown in the said Exhibit "A."

**(h.) The works for the diversion and the carriage of the water consist of** ditches.

**(i.) This licence is issued in substitution of Conditional Water Licence No.** 6651 (in part).

**Issued this** 20th **day of** November, **193**4.

Macdonald
*Comptroller of Water Rights.*

6.00

**File No.** 20-5-1.

**Licence No.** 9003

W.R.B. 2—1M-484-7094

ORIGINAL

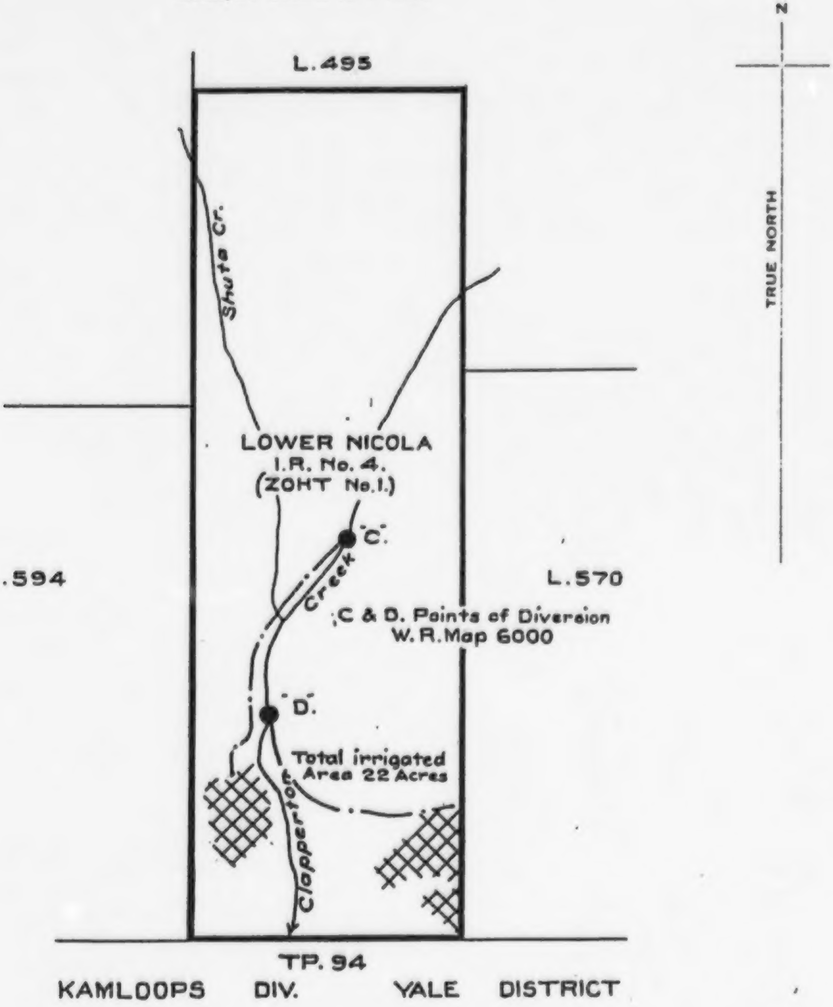
3

# British Columbia.

To accompany Final Licence No. 9003

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

C.
C.K.

Signature J Macdonald

Date 20th Nov. 1934

F.L. 9003 for C.L. 6651 in part
File 20-5-1

EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

## FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The sources of the water-supply ~~is~~ are Ainsworth spring and Gody creek,

~~a~~ tributary of Coldwater river.

(*b.*) The points of diversion from the stream ~~is~~ are located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 21st June, 1923.

(*d.*) The purpose for which the water is to be used is Irrigation and incidentally domestic use to the extent of 2,000 gallons a day.

(*e.*) The maximum quantity of water which may be diverted from the stream is 10 acre-feet per annum from Ainsworth spring and 65 acre-feet per annum from Gody creek.

(*f.*) The period of the year during which the water may be used ~~is~~ for Irrigation is 1st of April to 30th September and for domestic use throughout the year.

(*g.*) The land upon which the water may be used is 30 acres of part of Joeyaska Indian Reserve No. 2 of the Lower Nicola Indians, as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7242.

Issued this 20th day of December, 1934.

*Comptroller of Water Rights.*

6062

File No. 047919.

Licence No. 9072

W.R.B. 2—1M-484-7094

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE
WATER RIGHTS BRANCH
VICTORIA, B.C.

# ORDER

## WATER ACT

## Section 15

FILE NO. 047919

In the matter of Final Water Licence 9072 which authorizes the diversion of water from Ainsworth Spring and Gody Creek for irrigation and incidentally domestic purpose.

Having determined that the source of the water-supply has been renamed and being satisfied that no person's rights will be injuriously affected I hereby amend Clause (a) of the said licence to read as follows:

(a) The source of the water-supply is Spanish Creek and Godey Creek.

Dated at Victoria, B.C. this 5th day of April, 1974.

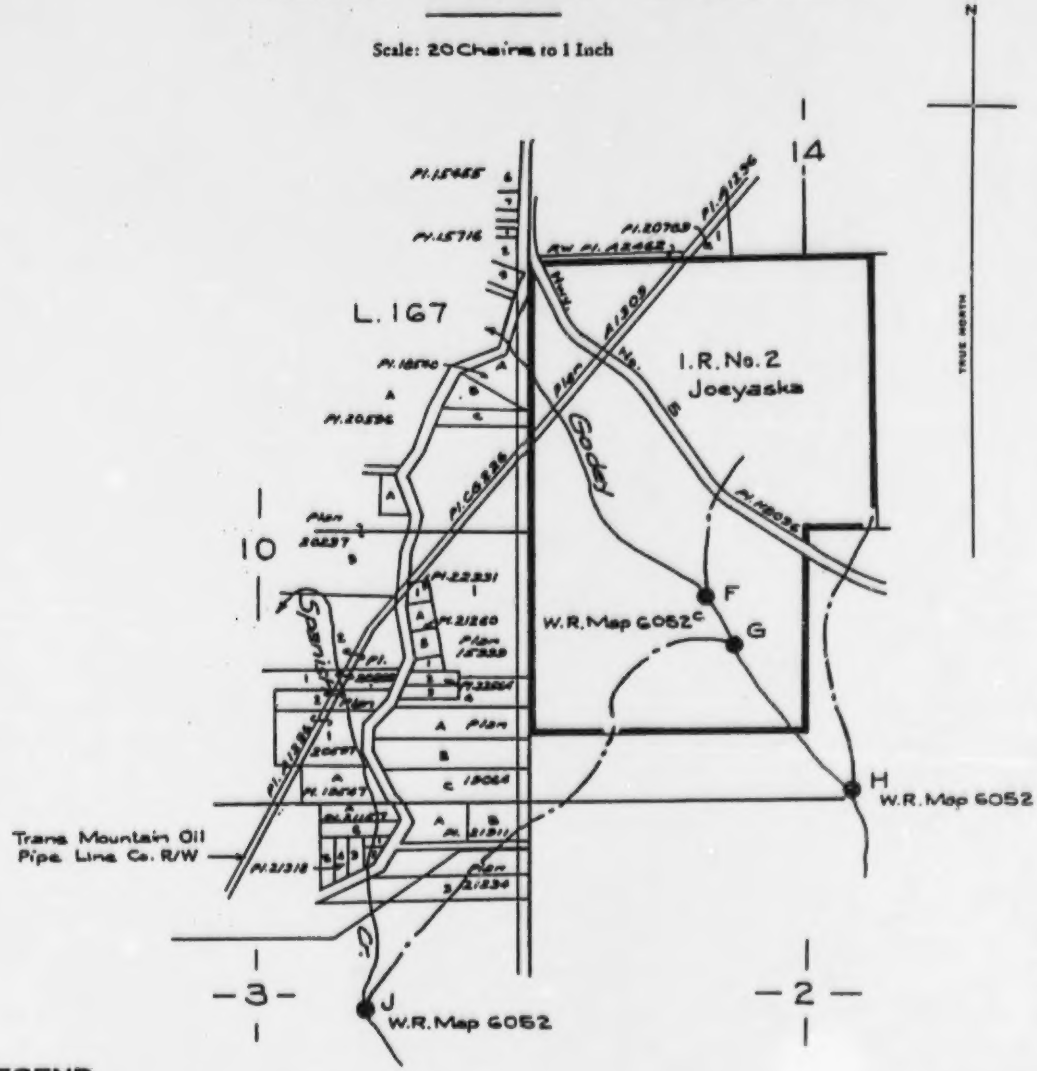
A.K. Sutherland

A.K. Sutherland,
Deputy Comptroller of Water Rights.

British Columbia

# NICOLA WATER DISTRICT
## KAMLOOPS DIVISION OF YALE DISTRICT

Scale: 20 Chains to 1 Inch



**LEGEND**

Points of Diversion ●

W.R. Map 6052

Ditches —·—

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬▬

Signature A K Sutherland

Date 5th Apr. 1974.
Amended F.L. 9072
File 0047919

**EXHIBIT "A"**

Merritt Precinct

990-1289-739

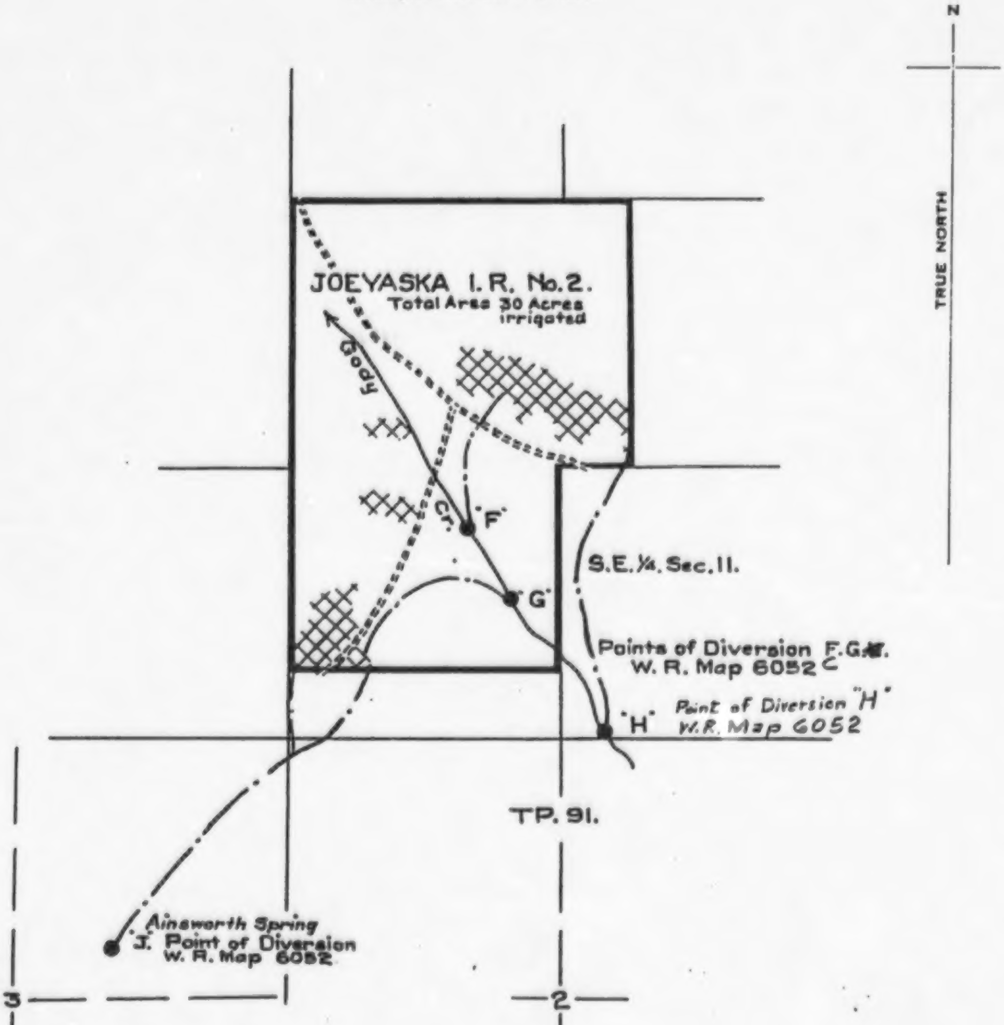
8

# British Columbia.

To accompany Final Licence No. 9072

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

C.
CH.

Signature

Date 20th Dec. 1934

F.L. 9072 for C.L. 7242

File 047919

EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA. | **WATER RIGHTS BRANCH.** | DEPARTMENT OF LANDS.

# FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Pony creek,

a tributary of Nicola river.

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 2nd May, 1889.

(*d.*) The purpose for which the water is to be used is Irrigation and Domestic.

(*e.*) The maximum quantity of water which may be diverted from the stream is 63 acre-feet per annum of which quantity 1,000 gallons a day may be used for domestic purpose.

(*f.*) The period of the year during which the water may be used ~~is~~ for irrigation is 1st May to 30th September and for domestic use throughout the year.

(*g.*) The land upon which the water may be used is 42 acres of the Easterly portion of Speous Indian Reserve No. 8, of the Lower Nicola Indians, as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 6652 (in part).

Issued this 12th day of February, 1935.

*Comptroller of Water Rights.*

6050

File No. 15-6-1.

Licence No. 9153

W.R.B. 2—1M-424-7004

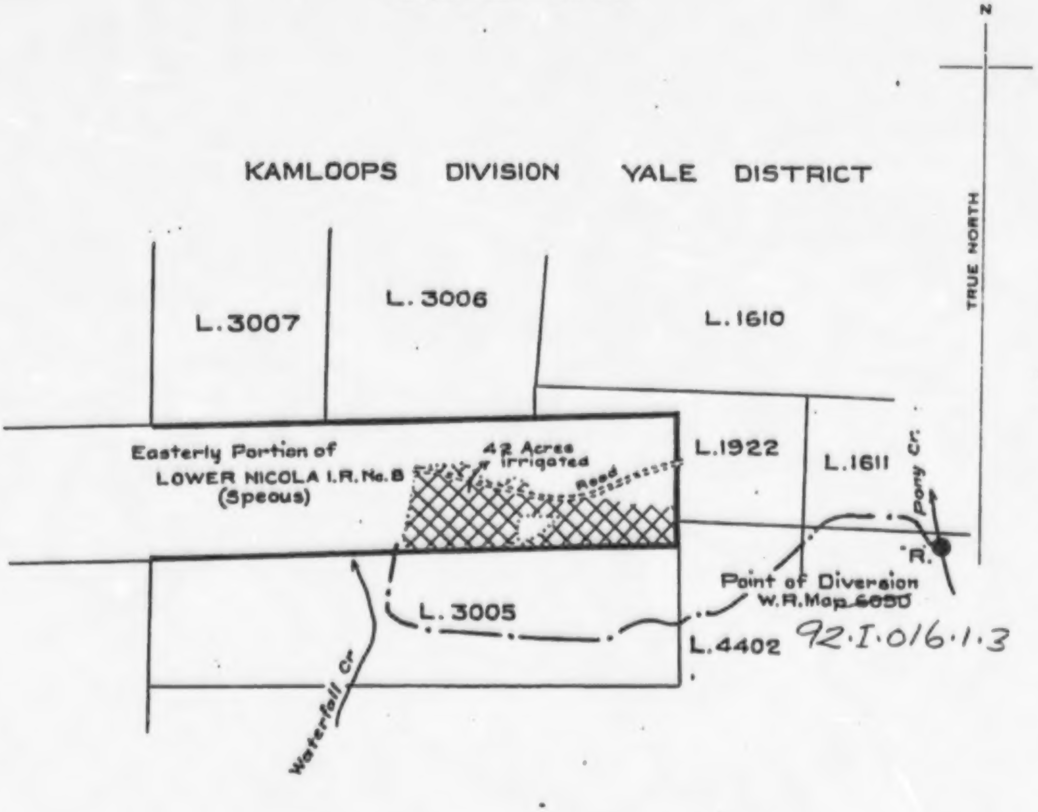
8/

# British Columbia.

To accompany Final Licence No. 9153

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

C.
eth.

P.C.L.

**EXHIBIT "A"**

Signature J. Macdonald

Date 12th Feb. 1935

F.L. 9153 for C.L. 6652 in part

File 15-6-1

P.C.L. 9589

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

## FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Waterfall creek,

a tributary of Nicola river.

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 2nd May, 1889.

(d.) The purpose for which the water is to be used is Irrigation and Domestic.

(e.) The maximum quantity of water which may be diverted from the stream is 63 acre-feet per annum of which quantity 1,000 gallons a day may be used for domestic purpose.

(f.) The period of the year during which the water may be used ~~is~~ for irrigation is 1st May to 30th September and for domestic purpose throughout the year.

(g.) The land upon which the water may be used is 42 acres of the Easterly portion of Speous Indian Reserve No. 8 of the Lower Nicola Indians, as shown in the said Exhibit "A."

(h.) The works for the diversion and the carriage of the water consist of ditches.

(i.) This licence is issued in substitution of Conditional Water Licence No. 6652 (in part).

Issued this 12th day of February, 1935.

Macdonald
*Comptroller of Water Rights.*

6660

File No. 15-6-1.

Licence No. 9154

W.R.B. 3—1M-484-7094

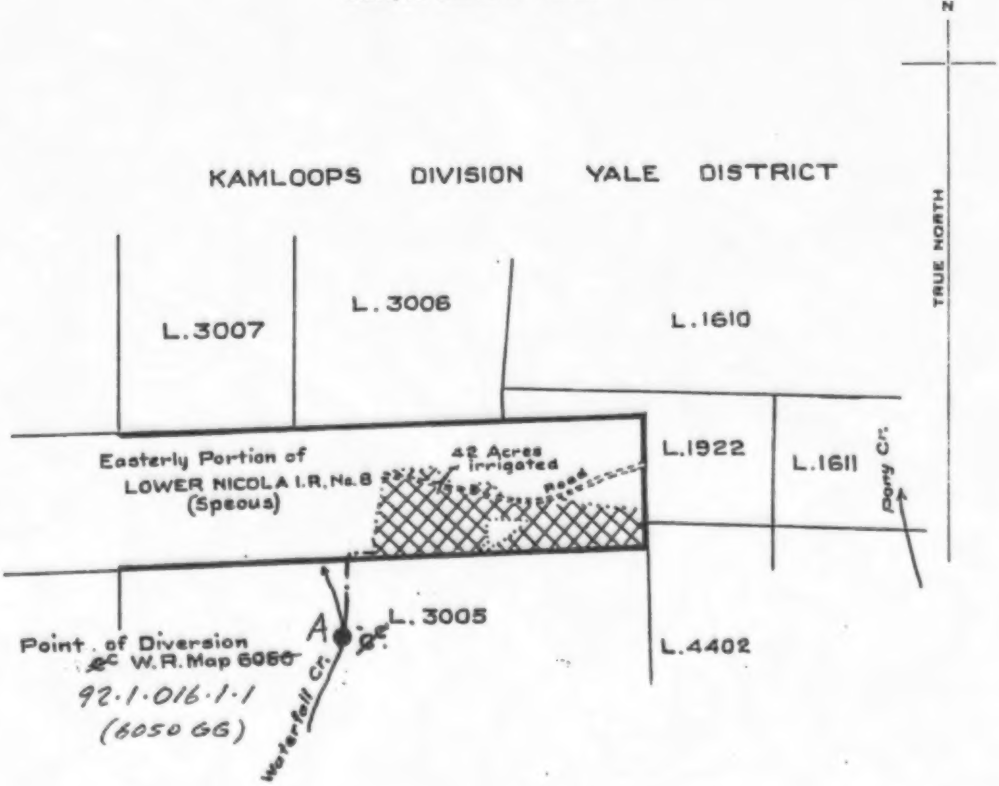
8/

# British Columbia.

To accompany Final Licence No. 9154

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



The boundaries of the land to which this licence is appurtenant are shown shaded.

Signature

Date 12th Feb 1935

F.L. 9154 for C.L. 6651 in part

File 15-6-1

EXHIBIT "A"

W.R.B. 9—1M-487-6287

PROVINCE OF
BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF
LANDS.

## FINAL WATER LICENCE.

The ~~Superintendent General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Quilchena creek.

~~a tributary of~~

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 2nd May, 1889.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water which may be diverted from the stream is 217.2 acre feet per annum.

(*f.*) The period of the year during which the water may be used is 1st May to 30th September.

(*g.*) The land upon which the water may be used is 108.6 acres of Lower Nicola Indian Reserve No. 7,

as shown in the said Exhibit "A"

(*h.*) The works for the diversion and the carriage of the water consists of ditches.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 6645.

E. Davis
*Comptroller of Water Rights.*

ENTERED ON
Map No. 6165
By

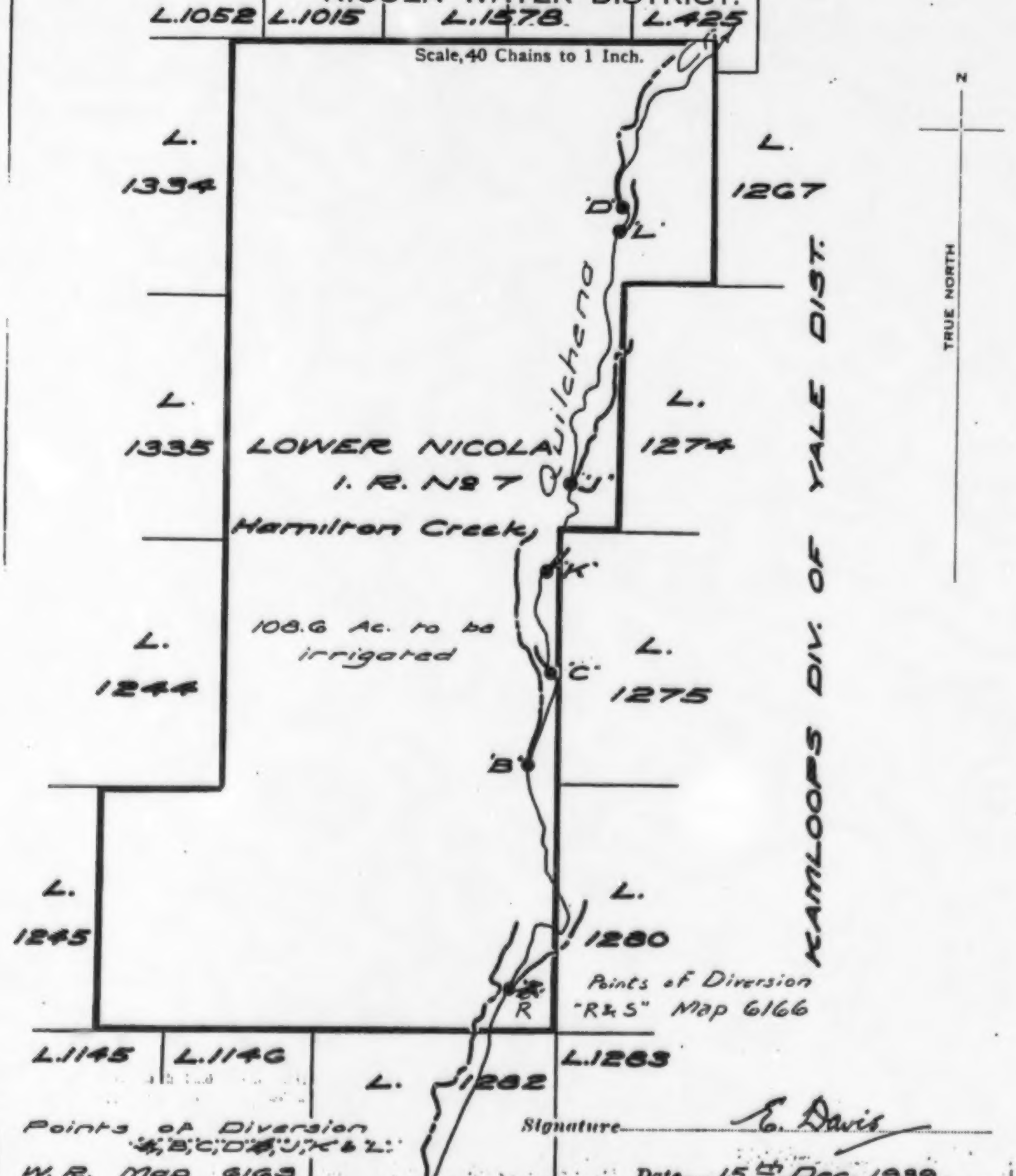
File No. 16-5-1

Date issued December 15, 1939. Licence No. 10821

# British Columbia.

To accompany {Final Licence No. 10821 for
Conditional Licence No. 6645

## NICOLA WATER DISTRICT.



Signature E. Davis

Date 15th Dec, 1939

F.L. 10821 for C.L. 6645

File 16-5-1

EXHIBIT "A"

W.R.B. 2—1M-834-9839

**PROVINCE OF BRITISH COLUMBIA.**

# WATER RIGHTS BRANCH.

**DEPARTMENT OF LANDS.**

# FINAL WATER LICENCE.

The ~~Superintendent-General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Logans Creek

a tributary of Quilchena Creek.

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 2nd May, 1889.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water which may be diverted from the stream is 10 acre feet per annum.

(*f.*) The period of the year during which the water may be used is 1st May to 30th September.

(*g.*) The land upon which the water may be used is 5 acres of Lower Nicola Indian Reserve No. 6 (Logans),

as shown in the said Exhibit "A."

(*h.*) The works for the diversion and the carriage of the water consist of ditch.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 6646.

Date issued February 15, 1940.

E Davis

*Comptroller of Water Rights.*

ENTERED ON
Map No. 61.66
By

File No. 14-5-1

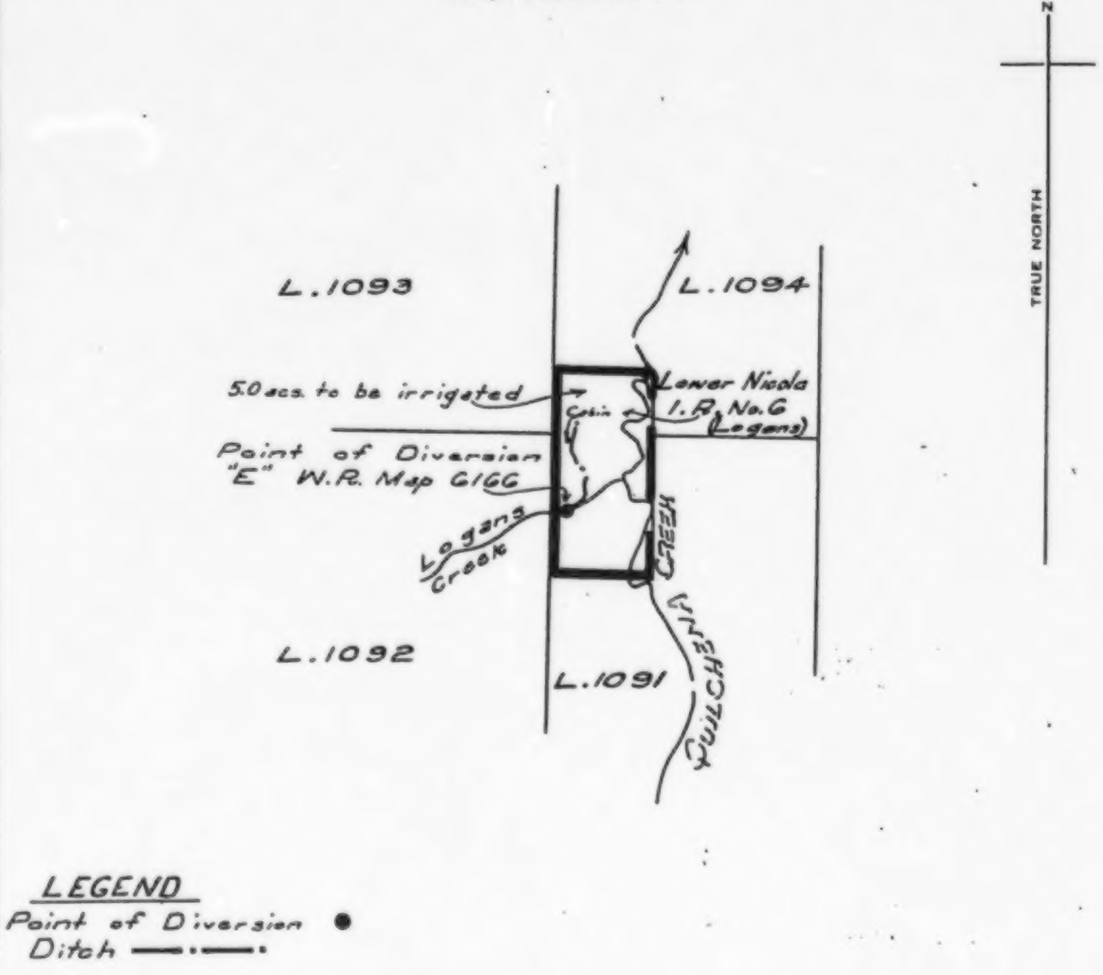
Licence No. 10856

# British Columbia.

To accompany {Final Licence No. 10856 for
Conditional Licence No. 6646

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



Signature E. Davis

Date 15th Jan. 1940
F.L. 10856 for C.L. 6646
File 14-5-1.

EXHIBIT "A"

W.R.B. 5 [illegible]

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

# FINAL WATER LICENCE.

The ~~Superintendent-General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Spring "H" Water Rights Map 6006. Perry Spring

~~a tributary of~~

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 21st June, 1923.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water which may be diverted from the stream is 62 acre feet per annum.

(*f.*) The period of the year during which the water may be used is 1st April to 30th September.

(*g.*) The land upon which the water may be used is 31 acre of Southerly part of the Nicola Mameet Indian Reserve No. 1 of the Lower Nicola Indians,

as shown in the said Exhibit "A"

(*h.*) The works for the diversion and the carriage of the water consists of ditch.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7243.

E. Davis

*Comptroller of Water Rights.*

ENTERED ON
Map No. 6006
By D.H.

MP

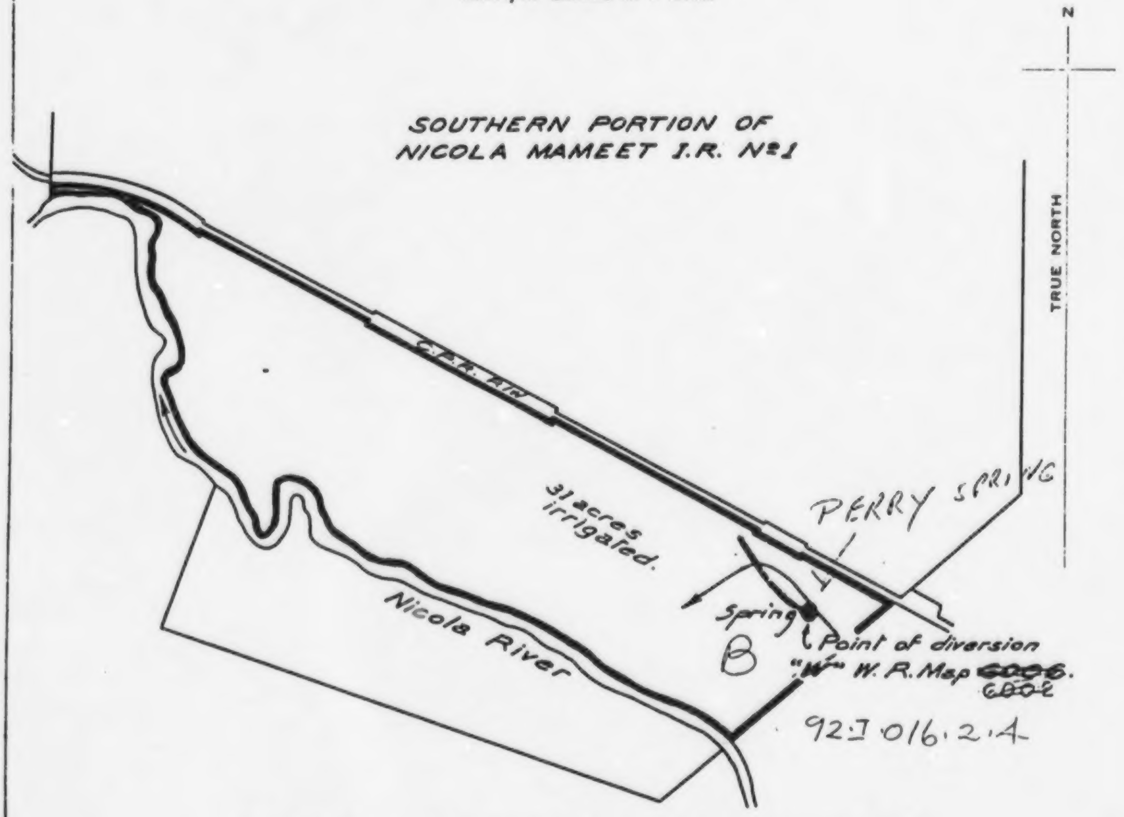
File No. 047918 Date issued February 15, 1941. Licence No. 11228

# British Columbia

To accompany { Final Licence No. 11228 for
Conditional Licence No. 7243

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



KAMLOOPS DIV. OF YALE LAND DISTRICT

**LEGEND.**

Point of Diversion ●

Ditch — — —

The boundaries of the land to which this licence is appurtenant are shown thus ; ▬▬▬

Signature E. Davis

Date 15th Feb. 1941

F.L. 11228 for C.L. 7243

File 047918

EXHIBIT "A"

W.1 1M-487-4387

PROVINCE OF BRITISH COLUMBIA.

# WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

## FINAL WATER LICENCE.

The ~~Superintendent-General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Steffens Creek

a tributary of Guichon Creek

(*b.*) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(*c.*) The date from which this licence shall have precedence is 21st June, 1923

(*d.*) The purpose for which the water is to be used is irrigation

(*e.*) The maximum quantity of water which may be diverted from the stream is 76.25 acre feet per annum

(*f.*) The period of the year during which the water may be used is 1st April to 30th September

(*g.*) The land upon which the water may be used is 30.5 acres of the Northerly portion of Indian Reserve No. 1, Nicola - Mameet

as shown in the said Exhibit "A"

(*h.*) The works for the diversion and the carriage of the water consists of ditch.

(*i.*) This licence is issued in substitution of Conditional Water Licence No. 7291.

ENTERED ON
Map No. 6008
By D.W.M.

SUPERCEDED BY CL 68635

E. Davis

*Comptroller of Water Rights.*

**File No.** 047920 **Date issued** February 10, 1942 **Licence No.** 11585

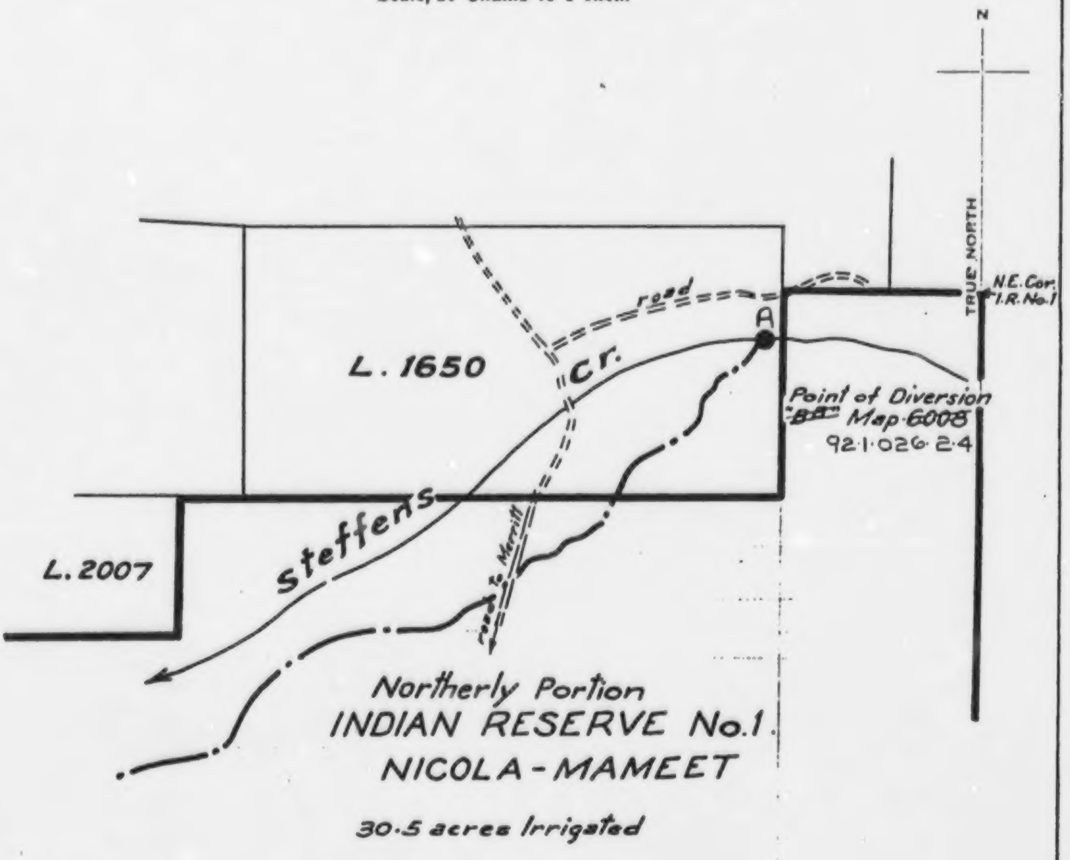
8

# British Columbia

To accompany Final Licence No. 11585

## NICOLA WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



**LEGEND**

Point of Diversion ●

Ditch —·—

The boundaries of the land to which this licence is appurtenant are shown thus; ▬

Signature E. Davis

Date 10th Feb. 1942.

F.L. 11585 for C.L. 7291.

File 047920

EXHIBIT "A"

**Province of British Columbia Ministry of Environment, Lands & Parks**

# PERMIT UNDER THE WATER ACT AUTHORIZING THE OCCUPATION OF CROWN LAND

The holder of Conditional Water Licence 68634 whose licence authorizes the diversion, storage and use of water from Hector Creek and the reservoir is the creek, is hereby authorized to occupy Crown Land by flooding and constructing, maintaining and operating thereon the works authorized under the said licence and any licence which may be issued in substitution thereof.

(a) The Crown Land which is authorized to be occupied under this permit is a portion of Lot 4430, Kamloops Division Yale District, the location of which is shown approximately on the plan attached to the said water licence.

(b) The approximate area of the Crown Land authorized to be occupied under this permit is flooding: 2.3 acres

(c) The permittee may cut and remove from the said Crown Land any timber necessary to permit construction and maintenance of the said works and clearing of the said lands which may be flooded. Prior to the cutting, destruction or flooding of any timber, the permittee shall apply for and obtain a licence to cut timber from the District Manager and the amount of stumpage, royalty and (or) compensation payable to the Crown in respect of trees, including merchantable or young growth, cut, removed, damaged, or destroyed by the permittee, shall be the sum or sums fixed by the Ministry of Forests of the Province of British Columbia.

(d) This permit is appurtenant to the land, mine or undertaking to which the aforesaid water licence is appurtenant.

(e) This permit shall become void if the water licence with respect to which the permit is issued should terminate, be abandoned or cancelled, or amended so as to render this permit unnecessary.

(f) This permit is issued and accepted on the understanding that the permittee shall indemnify and save harmless the Government of the Province of British Columbia for all loss, damage to works, cost or expense suffered by the permittee by reason of the Crown Land or any portion thereof being submerged or damaged by erosion or otherwise affected by flooding.

(g) The holder of this permit shall not be entitled to compensation if the Crown grants permits to other persons to occupy the land affected by this permit.

(h) In the event of a dispute at any time with respect to the area or boundaries of the land affected by this permit, the holder shall, at his own expense, have the said land surveyed by a duly qualified surveyor.

A.D. Zackodnik
Regional Water Manager
duly authorized designate of the
Minister of Environment, Lands & Parks

File: 3001496 Date Issued: July 22, 1992 Permit No: 18313

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Stream Register Report      Water Licence Information System
____________________________________________________________

    Report Requested By    : KBABCOCK
    Date Report Requested : 1995/11/02 10:54
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                  START POINT      : PD47804 - 92.I.057 N
                  END POINT        : BO12461 - Chartrand Creek left of Quichon Creek
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Stream Register Report                                         Water Licence Information System                                            DATE: 1995/11/02
                                                                                                                                           TIME: 10:54
                                                                                                                                           PAGE: 001

Priority   Licence File    Appurtenancy                  Licensee                     PUC        Quantity/Units  Term   Term  Licence Comments                   Process Status
YYYY/MM/DD Number  Number                                                                                        Start  End

        Source                          WR Map           POD  RED POD Comments                                                          Prec
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1910/05/31 C061139 0265397 20 AC OF LOWER NICOLA IR      LOWER NICOLA INDIAN BAND     DOM        500.00 GD Jan 01 Dec 31 SUPPLEMENTARY TO F 6998 GUICHON CR
                           #3 (PIPEUL)                   981-695-7225                 IRR         50.00 AF Apr 01 Sep 30
                                                         RR 1 COMP 18 SITE 17
                                                         MERRITT BC
                                                         V0K2B0

        Chartrand Creek                 WR92.I.046        B    N   REDIVERSION AT C & D 92.I.046 GUICHON CR                         21A NIC - LOWER NICOLA
           Guichon Creek                WR92.I.046        C    Y   REDIVERSION FROM B 92.I.046 CHARTRAND CR
           Guichon Creek                WR92.I.046        D    Y   REDIVERSION FROM B 92.I.046 CHARTRAND CR

1919/12/12 F007436 0016933 SEE FILE                      KAMLANDS HOLDINGS LTD        IRR        282.00 AF Apr 01 Sep 30 SUPPLEMENTARY TO F 7434 GUICHON CR &
                                                         1712 150 YORK ST                                                F 7435 DURAND CR - 13F
                                                         TORONTO ONT
                                                         M5H3S5

        Chartrand Creek                 WR92.I.057        H    N                                                                    21A NIC - LOWER NICOLA
           Durand Creek                 WR3754            N    Y   REDIVERSION FROM C 6013 CHARTRAND CR    (21A)
           Pat Lake                     WR3754            S    Y   REDIVERSION FROM C 6013 CHARTRAND CR    (21A)
           Mike Lake                    WR3754            GG   Y   REDIVERSION FROM C 6013 CHARTRAND CR    (21A)

1919/12/12 F007437 0016933 STOR FOR F 7436 CHARTRAND CR  KAMLANDS HOLDINGS LTD        STORP      282.00 AF Oct 01 May 31 STOR IN TUNKWA LK - 13F
                                                         1712 150 YORK ST
                                                         TORONTO ONT
                                                         M5H3S5

        Chartrand Creek                 WR92.I.057        H    N                                                                    21A NIC - LOWER NICOLA
           Tunkwa Lake                  WR3761            D    N   NO DIVERSION OF WATER AT POD - IS PT OF STOR FOR WATER ORIGIN C 6013 CHARTRAND C
                                                                   (21A)

1971/05/10 C039931 0305249 CONSERVATION PROJECT OF LICENSEE  WILDLIFE BRANCH          CONUS        0.14 CS Apr 01 Sep 30 STOR AT C 39932 CHARTRAND CR
                           WITHIN TP 18 & 19 R 21 W6M    1259 DALHOUSIE DR
                                                         KAMLOOPS BC
                                                         V2C5Z5

        Chartrand Creek                 WR92.I.057        H    N   REDIVERSION AT A 92.I.056 WARE LK - 13F                          21A NIC - LOWER NICOLA
           Ware Lake                    WR92.I.056        A    Y   REDIVERSION FROM K 92I/10W(C) CHARTRAND CR (21A)
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Stream Register Report      Water Licence Information System
____________________________________________________________

   Report Requested By    : KBABCOCK
   Date Report Requested : 1995/11/03 11:26
   Report Sorted By       : Source Gazetted - Priority Date - Licence Number
   Selection Criteria
                START POINT      : N012568 - Helmer Lake on Clapperton Creek
                END POINT        : N012560 - Clapperton Creek right of Nicola River
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Stream Register Report                                            Water Licence Information System                                       DATE: 1998/11/03
                                                                                                                                         TIME: 11:26
                                                                                                                                         PAGE: 001

Priority   Licence File    Appurtenancy                    Licensee                            PUC        Quantity/Units  Term   Term  Licence Comments              Process Status
YYYY/MM/DD Number  Number                                                                                                Start  End

        Source                          WR Map              POD   RED POD Comments                                                     Prec
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1889/05/02 F009003 0241030 22 AC OF SLY PORTION OF IR 01   LOWER NICOLA INDIAN BAND            DOM        1,000.00 GD Jan 01 Dec 31
                           ZONT                            981-695-7226                        IRR          66.00 AF Apr 01 Sep 30
                                                           RR 1 COMP 10 SITE 17
                                                           MERRITT BC
                                                           V0K2B0

        Clapperton Creek                WR92.I.017            K     N                                                              21A NIC - LOWER NICOLA
           Clapperton Creek             WR92.I.017            L     N

1934/01/18 C013194 0125377 SEE FILE                        COQUIHALLA DEVELOPMENTS CORP        IRR        5,000.00 AF Apr 01 Sep 30 STOR AT C 56510 CLAPPERTON, CONANT, KENT
                                                           BOX 4000                                                             CLARK, MABEL, SHEEP & FOX CRS
                                                           MERRITT BC
                                                           V0K2B0

        Clapperton Creek                WR92.I.017.4.1        B     N                                                              21A NIC - LOWER NICOLA
           Clapperton Creek             WR92.I.017            L     N
           Clapperton Creek             WR92.I.017            K     N
           Shute Creek                  WR92.I.017            J     N
           Clapperton Creek             WR92.I.017.4.1        A     N

1934/01/18 C056510 0125377 AS SET OUT IN CWL 13194         COQUIHALLA DEVELOPMENTS CORP        STORP      2,500.00 AF Oct 01 Jun 15
                                                           BOX 4000
                                                           MERRITT BC
                                                           V0K2B0

        Clapperton Creek                WR92.I.037            P     N                                                              21A NIC - LOWER NICOLA
           Kent Creek                   WR92.I.037            M     N
           Clapperton Creek             WR92.I.037            N     N
           Clapperton Creek             WR92.I.037            L     N
           Mabel Creek                  WR92.I.028            K     N
           Conant Creek                 WR92.I.028            J     N
           Conant Creek                 WR92.I.028            H     N
           Sheep Creek                  WR92.I.028            G     N
           Fox Creek                    WR92.I.028            F     N
           Clark Creek                  WR92.I.038            P     N
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Stream Register Report                                   Water Licence Information System                                DATE: 1995/11/03
                                                                                                                          TIME: 11:26
                                                                                                                          PAGE: 003

Priority   Licence File    Appurtenancy                        Licensee                       PUC        Quantity/Units  Term   Term  Licence Comments             Process Status
YYYY/MM/DD Number  Number                                                                                                Start  End

           Source                          WR Map           POD   RED POD Comments                                                    Proc
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
1934/01/18 F011771 0023516 4.24 AC OF BEING PLAN B 3307 OF     PARKINSON GLENN E & CAROLYN    IRR             11.00 AF Apr 01 Sep 30
                           L 205 KDYD                          BOX 2031
                                                               MERRITT BC
                                                               V0K2B0

           Clapperton Creek                WR92.I.017.4.1     A     N                                                                21A NIC - LOWER NICOLA

      ------------ Total of 4 Licences Reported ------------
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Stream Register Report      Water Licence Information System
________________________________________________________________

    Report Requested By   : KBABCOCK
    Date Report Requested : 1995/11/01 16:08
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                  START POINT      : N0655 - Garcia Lake on Godey Creek
                  END POINT        : S0583 - Godey Creek right of Coldwater River
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Stream Register Report                                                      Water Licence Information System                                                                DATE: 1995/11/01
                                                                                                                                                                           TIME: 16:08
                                                                                                                                                                           PAGE: 001

Priority   Licence File    Appurtenancy                              Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                   Start  End

           Source                                    WR Map              POD   RED POD Comments                                                                 Prec
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
1923/06/21 F008072 0047919 PART 30 AC OF IR #2 JOEYASKA                 LOWER NICOLA INDIAN BAND                 DOM           2,000.00 GD Jan 01 Dec 31 STOR AT C 13102 PYE CR
                           KDYD                                          981-695-7224                             IRR              75.00 AF Apr 01 Sep 30
                                                                         RR 1 COMP 18 SITE 17
                                                                         MERRITT BC
                                                                         V0K2B0

           Godey Creek                               WR92.I.007           A     N                                                                        21B NIC - MERRITT
               Spanish Creek                         WR92.I.007           B     N
               Godey Creek                           WR6052C              F     N
               Godey Creek                           WR6052C              G     N

1942/10/06 F013904 0148869 24 AC OF L 712; 24 AC OF L 711               COQUIHALLA DEVELOPMENTS CORP             IRR              48.00 AF Apr 01 Sep 30 FLOOD IRRIGATION
                           KDYD                                          BOX 4000
                                                                         MERRITT BC
                                                                         V0K2B0

           Godey Creek                               WR92.I.007           J     N
               Garcia Lake                           WR92.I.007           H     N                                                                        21B NIC - MERRITT

1949/10/28 C019623 0181406 40 AC OF L 669A & 711 KDYD                   COQUIHALLA DEVELOPMENTS CORP             IRR              80.00 AF Apr 01 Jul 15 STOR AT C 19624 GODEY CR
                                                                         BOX 4000
                                                                         MERRITT BC
                                                                         V0K2B0

           Godey Creek                               WR92.I.007           L     N                                                                        21B NIC - MERRITT
               Godey Creek                           WR92.I.007           M     N
               Godey Creek                           WR92.I.007           K     N

1969/12/10 C066863 0290691 L 2 & 3 OF & SEC 14 TP 91                    GONCAK ROSEMARY                          DOM           1,000.00 GD Jan 01 Dec 31                                               T/A TRANSFER/APPURT PEND
                           KDYD PLAN 15455                               BOX 1630
                                                                         MERRITT BC
                                                                         V0K2B0

           Godey Creek                               WR6052C              S1    N                                                                        21B NIC - MERRITT

       ------------ Total of 4 Licences Reported ------------
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Stream Register Report      Water Licence Information System
____________________________________________________________________

    Report Requested By   : DMOGUS
    Date Report Requested : 1996/02/12 09:50
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                  START POINT      : PD62036 - 92.I.007 C
                  END POINT        : S0584 - Spanish Creek left of Godey Creek
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Stream Register Report                                              Water Licence Information System                                                  DATE: 1996/03/12
                                                                                                                                                       TIME: 09:50
                                                                                                                                                       PAGE: 001

Priority   Licence File   Appurtenancy                  Licensee                          PUC       Quantity/Units  Term   Term  Licence Comments                      Process Status
YYYY/MM/DD Number  Number                                                                                           Start  End

           Source                          WR Map         POD  RED POD Comments                                                           Prec
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1923/06/21 F009072 0047919 PART 30 AC OF IR #2 JOEYASKA     LOWER NICOLA INDIAN BAND          DOM        2,000.00 GD Jan 01 Dec 31 STOR AT C 13102 PYE CR
                           KDYD                             981-695-7224                      IRR           75.00 AF Apr 01 Sep 30
                                                            RR 1 COMP 18 SITE 17
                                                            MERRITT BC
                                                            V0K2B0

           Spanish Creek                   WR92.I.007       B    N                                                                        21B NIC - MERRITT
             Godey Creek                   WR92.I.007       A    N
             Godey Creek                   WR6052C          F    N
             Godey Creek                   WR6052C          G    N

1964/03/10 C067235 0255165 19.8 AC OF THAT PART OF NE 1/4 OF   GHOG TARA S & IMAN K          DOM        1,000.00 GD Jan 01 Dec 31
                           SEC 3 TP 91 KDYD LYING N & W OF     PO BOX 475                    IRR           49.50 AF Apr 01 Sep 30
                           PLAN 37177 (COQUIHALLA HWY) EXC     MERRITT BC
                           PLANS 21157 21318 21911 23242 25378 V0K2B0
                           26868 28093 & 30353

           Spanish Creek                   WR92.I.007       C    N                                                                        21B NIC - MERRITT

1964/03/10 C067236 0329954 1.68 AC OF L A OF SEC 3 TP 91 KDYD  TEIFFEL SANDRA                IRR            4.20 AF Apr 01 Sep 30
                           PLAN 25378                          PO BOX 1959
                                                               MERRITT BC
                                                               V0K2B0

           Spanish Creek                   WR92.I.007       C    N                                                                        21B NIC - MERRITT
             Spanish Creek                 WR92.I.007       RR   Y

1964/03/10 C067237 0370369 2.8 AC OF L A OF SEC 3 TP 91 KDYD   DEANE GERALD & KAREN          IRR            7.00 AF Apr 01 Sep 30
                           PLAN 30353                          GEN DEL
                                                               MERRITT BC
                                                               V0K2B0

           Spanish Creek                   WR92.I.007       C    N                                                                        21B NIC - MERRITT
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Stream Register Report                                                                Water Licence Information System                                                  DATE: 1996/02/12
                                                                                                                                                                         TIME: 09:50
                                                                                                                                                                         PAGE: 002

Priority   Licence File     Appurtenancy                        Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                               Start  End

           Source                              WR Map            POD   RED POD Comments                                                                      Prec
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1964/03/10 C067238 0370370 1.0 AC OF L 1 OF SEC 3 TP 91 KDYD     JUBENVILL GEORGE B & DIANA G              IRR                 2.50 AF Apr 01 Sep 30                                            AND UNDER AMENDMENT
                           PLAN 28093 EXC PLAN 30353             2365-174TH ST
                                                                 WHITE ROCK BC
                                                                 V4B5E7

           Spanish Creek                       WR92.I.007          C     N                                                                               21B NIC - MERRITT

1964/03/10 C110010 0329955 1.15 ACS OF LOT B SEC 3 TP 91 KDYD PL CARUK RICHARD                             IRR                 2.90 AF Apr 01 Sep 30
                           AN 26868                              BOX 2591
                                                                 MERRITT B C
                                                                 V0K2B0

           Spanish Creek                       WR92.I.007          C     N                                                                               21B NIC - MERRITT
               Spanish Creek                   WR92.I.007          RR    Y

1964/03/10 C110011 0329956 2.00 ACS OF LOT A SEC 3 TP 91 KDYD PL BEATTIE JOYCE W                           IRR                 5.20 AF Apr 01 Sep 30
                           AN 26868 EXC PLAN KAP50227            PO BOX 2591
                                                                 MERRITT BC
                                                                 V0K2B0

           Spanish Creek                       WR92.I.007          C     N                                                                               21B NIC - MERRITT
               Spanish Creek                   WR92.I.007          RR    Y

1964/03/10 C110012 3002977 0.68 AC OF LOT 1 SEC 3 TP 91 KDYD PLA GOETZ DWIGHT O & KAREN T                  IRR                 1.70 AF Apr 01 Sep 30
                           N KAP50227                            BOX 203
                                                                 MERRITT BC
                                                                 V0K2B0

           Spanish Creek                       WR92.I.007          C     N                                                                               21B NIC - MERRITT
               Spanish Creek                   WR92.I.007          RR    Y


      ------------ Total of 8 Licences Reported ------------
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Stream Register Report                                                                Water Licence Information System
                                                                                                                                                                                                DATE: 1995/11/02
                                                                                                                                                                                                TIME: 09:37
                                                                                                                                                                                                PAGE: 001

Priority   Licence File   Appurtenancy                                              Licensee                                PUC           Quantity/Units  Term  Term Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                                                 Start End

           Source                            WR Map               POD  RED POD Comments                                                                          Prec
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1873/09/01 P007909 0241660 33.2 AC OF L 131 KDYD                SHULUS CATTLE CO LTD                    DOM                500.00 GD Jan 01 Dec 31 STOR AT P 7910 GUICHON CR            AND UNDER AMENDMENT
                                                               GUICHON CREEK WUC                       IRR                 84.00 AF Apr 01 Sep 30 INCIDENTAL DOMESTIC
                                                               RR 1 COMP 1 SITE 17
                                                               MERRITT BC
                                                               V0K2B0

           Guichon Creek                      WR92.I.016.2.3       F    N
               Guichon Creek                  WR92.I.016.4.1       G    N                                                                                  21A NIC - LOWER NICOLA

1878/10/12 P006457 0241661 188.5 AC OF L 129 KDYD               SHULUS CATTLE CO LTD                    DOM                500.00 GD Jan 01 Dec 31 STOR AT P 8936 GUICHON CR
                                                               GUICHON CREEK WUC                       IRR                566.00 AF Apr 01 Sep 30 INCIDENTAL DOMESTIC
                                                               RR 1 COMP 1 SITE 17
                                                               MERRITT BC
                                                               V0K2B0

           Guichon Creek                      WR92.I.016.4.1       A    N                                                                                  21A NIC - LOWER NICOLA

1889/05/02 P008229 0241031 474 AC OF IR #4 NICOLA MAMEETN      LOWER NICOLA INDIAN BAND (981-695-7223) DOM             15,000.00 GD Jan 01 Dec 31 STOR AT P 8935 GUICHON CR
                          KDYD                                 GUICHON CREEK WUC                       IRR              1,185.00 AF May 01 Sep 30 MEMBERS BUICHON CREEK WUC
                                                               PO BOX 188
                                                               MERRITT BC
                                                               V0K2B0

           Guichon Creek                      WR92.I.016.4.1       C    N                                                                                  21A NIC - LOWER NICOLA
               Guichon Creek                  WR92.I.016.4.3       G    N
               Guichon Creek                  WR92.I.016.4.1       D    N
               Guichon Creek                  WR92.I.016.4.1       E    N
               Guichon Creek                  WR92.I.016.4.1       F    N

1894/06/02 P005569 0241663 40.8 AC OF L 300,301 & 751 KDYD      GARTHWAITE GORDON                       DOM              1,000.00 GD Jan 01 Dec 31 INCIDENTAL DOMESTIC
                                                               PO BOX 489                              IRR                103.00 AF Apr 01 Sep 30
                                                               MERRITT BC
                                                               V0K1W0

           Guichon Creek                      WR92.I.036.4.2       B    N
               Guichon Creek                  WR92.I.036.4.2       C    N                                                                                  21A NIC - LOWER NICOLA
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Stream Register Report     Water Licence Information System
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   Report Requested By   : KBABCOCK
   Date Report Requested : 1995/11/02 09:37
   Report Sorted By      : Source Gazetted - Priority Date - Licence Number
   Selection Criteria
               START POINT     : M012447 - Mamit Lake on Guichon Creek
               END POINT       : S012410 - Guichon Creek right of Nicola River
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Priority   Licence File   Appurtenancy                          Licensee                                PUC           Quantity/Units  Term   Term   Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                            Start  End

           Source                              WR Map               POD   RED POD Comments                                                                   Prec
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1904/07/18 C066954 0241664 85.1 AC OF L 1 OF L 132 KDYD PL 3558 KUIPER NINO J & NELLIE                  IRR                213.00 AF Apr 01 Sep 30 SUPPLEMENTARY TO C066955 STUMBLES CREEK
                           & THAT PART OF PARCEL A (PLAN B1430)  GUICHON CREEK WUC                                                                 FOR STORAGE SEE C067291 GUICHON CREEK
                           OF L 132 KDYD LYING N OF PLAN 400 EXC 10389 FORD RD
                           PLANS 2848 3558 & 12122               PITT MEADOWS BC
                                                                 V3Y1Z1

           Guichon Creek                       WR92.I.016.4.3       A     N   REDIVERSION AT WR92.I.016.1.4 T, WR92.I.016.2.3 A, WR92.I.016.4.1 R ALL        21A NIC - LOWER NICOLA
                                                                              STUMBLES CREEK
               Stumbles Creek                  WR92.I.016.4.1       R     Y   REDOVERSION FROM WR92.I.016.4.3 A GUICHON CR
               Stumbles Creek                  WR92.I.016.1.4       T     Y   REDIVERSION FROM WR92.I.016.4.3 A GUICHON CR
               Stumbles Creek                  WR92.I.016.2.3       P     Y   REDIVERSION FROM WR92.I.016.4.3 A GUICHON CR

1904/07/20 C066965 0241665 57.7 AC OF E 1/2 OF SEC 11            GRANT RANCHES LTD                       IRR                174.00 AF Apr 01 Sep 30 STOR AT P 8937 GUICHON CR
                           TP 09 KDYD EXC PLAN 11376             GUICHON CREEK WUC
                                                                 PO BOX 4040
                                                                 LOWER NICOLA BC
                                                                 V0K1Y0

           Guichon Creek                       WR92.I.016.4.3       A     N   REDIVERSION AT H & V 92.I.016.4.1      STUMBLES CR (W CHANNEL) & U 92.I.016.4.1 21A NIC - LOWER NICOLA
                                                                              STUMBLES CR (E CHANNEL)
               Guichon Creek                   WR92.I.016.4.1       H     Y   REDIVERSION FROM A 92.I.016.4.3 GUICHON CR
               Stumbles Creek (West Channel)   WR92.I.016.4.1       V     Y   REDIVERSION FROM A 92.I.016.4.3 GUICHON CR
               Stumbles Creek (East Channel)   WR92.I.016.4.1       U     Y   REDIVERSION FROM A 92.I.016.4.3 GUICHON CR

1904/08/14 C067352 0241666 23.4 AC OF L 164 KDYD EXC PLAN 21423  GRANT RANCHES LTD                       IRR                 70.20 AF Apr 01 Sep 30
                                                                 GUICHON CREEK WUC
                                                                 PO BOX 4040
                                                                 LOWER NICOLA BC
                                                                 V0K1Y0

           Guichon Creek                       WR92.I.016.4.3       A     N   REDIVERSION AT W 92.I.016.4.1 STUMBLES CREEK EAST CHANNEL AND V 92.I.016.4.1    21A NIC - LOWER NICOLA
                                                                              STUMBLES CREEK WEST CHANNEL
               Stumbles Creek (West Channel)   WR92.I.016.4.1       V     Y   REDIVERSION FROM A 92.I.016.4.3 GUICHON CREEK
               Stumbles Creek (East Channel)   WR92.I.016.4.1       W     Y   REDIVERSION FROM A 92.I.016.4.3 GUICHON CREEK

1904/08/14 C067353 3001763 1.6 AC OF THAT PART OF L 1638 KDYD    MOYER JOSEPH C & ALICE J                IRR                  4.80 AF Apr 01 Sep 30
                           LYING W OF PLAN 36370                 GUICHON CREEK WUC
                                                                 BOX 1606
                                                                 MERRITT BC
                                                                 V0K2B0

           Guichon Creek                       WR92.I.016.4.3       A     N                                                                                  21A NIC - LOWER NICOLA
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Priority   Licence File    Appurtenancy                    Licensee                                PUC        Quantity/Units  Term   Term  Licence Comments                  Process Status
YYYY/MM/DD Number  Number                                                                                                     Start  End

        Source                     WR Map               POD   RED POD Comments                                                      Prec
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1906/04/13 C041439 0241667 ALL THE LANDS WITHIN THE BDYS OF   LOWER NICOLA WATERWORKS DISTRICT       WWKLA    34,675,000.00 GY Jan 01 Dec 31 STOR AT F 9672 QUICHON CR
                                                              BOX 1762
                                                              MERRITT BC
                                                              V0K2B0

        Quichon Creek              WR92.I.016.4.1        N     N                                                            21A NIC - LOWER NICOLA

1909/04/23 C065694 0241671 L 1630 KDYD LYING W OF PLAN 36370  MOYER JOSEPH C & ALICE J               SW                500.00 GD Jan 01 Dec 31 STOCK WATERING
                                                              QUICHON CREEK WUC                       IRR                32.03 AF Apr 01 Sep 30 STOR AT F 8939 QUICHON CR
                                                              BOX 1606
                                                              MERRITT BC
                                                              V0K2B0

        Quichon Creek              WR92.I.016.4.3        A     N                                                            21A NIC - LOWER NICOLA

1916/11/06 C055970 0265645 15.4 AC OF L 3376 KDYD             BEECH DOUGLAS H                        IRR                30.50 AF Apr 01 Sep 30 STOR AT F 55971 QUICHON CR
                                                              QUICHON CREEK WUC
                                                              PO BOX 2299
                                                              MERRITT BC
                                                              V0K2B0

        Quichon Creek              WR92.I.036.2.2        E     N                                                            21A NIC - LOWER NICOLA

1920/10/21 F008935 0026176 STOR FOR F 8229 QUICHON CR         LOWER NICOLA INDIAN BAND (901-695-7223) STORP             940.00 AF Oct 01 Jun 15 STOR IN MAMIT LK
                                                              QUICHON CREEK WUC                                                                MEMBER QUICHON CREEK WUC
                                                              PO BOX 188
                                                              MERRITT BC
                                                              V0K2B0

        Quichon Creek              WR92.I.036.4.2        D     N                                                            21A NIC - LOWER NICOLA

1920/10/21 F008936 3003053 STOR FOR F 6457 QUICHON CR         SHULUS CATTLE CO LTD                   STORP             377.00 AF Oct 01 Jun 15 STOR IN MAMIT LK
                                                              QUICHON CREEK WUC
                                                              RR 1 COMP 1 SITE 17
                                                              MERRITT BC
                                                              V0K2B0

        Quichon Creek              WR92.I.036.4.2        D     N                                                            21A NIC - LOWER NICOLA
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Stream Register Report                                                                          Water Licence Information System                                                     DATE: 1995/11/02
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Priority   Licence File    Appurtenancy                          Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number
                                                                                                                                        Start  End

           Source                          WR Map               POD   RED POD Comments                                                                     Prec

1920/10/21 P008937 3003054 STOR FOR C 66965 GUICHON CR           GRANT RANCHES LTD                        STONP              115.40 AP Oct 01 Jun 15 STOR IN MAMIT LK
                                                                 GUICHON CREEK WUC
                                                                 PO BOX 4040
                                                                 LOWER NICOLA BC
                                                                 V0K1Y0

           Guichon Creek                   WR92.I.036.4.2       D     N                                                                                    21A NIC - LOWER NICOLA

1920/10/21 P008939 3003055 STOR FOR C 65694 GUICHON CR           MOYER JOSEPH C & ALICE J                 STONP               26.80 AP Oct 01 Jun 15 STOR IN MAMIT LK
                                                                 GUICHON CREEK WUC
                                                                 BOX 1606
                                                                 MERRITT BC
                                                                 V0K2B0

           Guichon Creek                   WR92.I.036.4.2       D     N                                                                                    21A NIC - LOWER NICOLA

1920/10/21 P067350 3003056 STOR FOR CL 67352                     GRANT RANCHES LTD                        STONP               46.80 AP Oct 01 Jun 15 STOR IN MAMIT LK
                           GUICHON CR                            GUICHON CREEK WUC
                                                                 PO BOX 4040
                                                                 LOWER NICOLA BC
                                                                 V0K1Y0

           Guichon Creek                   WR92.I.036.4.2       D     N                                                                                    21A NIC - LOWER NICOLA

1920/10/21 P067351 3001762 STORAGE FOR C067353                   MOYER JOSEPH C & ALICE J                 STONP                3.20 AP Oct 01 Jun 15
                                                                 GUICHON CREEK WUC
                                                                 BOX 1606
                                                                 MERRITT BC
                                                                 V0K2B0

           Guichon Creek                   WR92.I.036.4.2       D     N     RESERVIOR IS MAMIT LAKE. DIVERSION ATWR92.I.016.4.3 A GUICHON CREEK           21A NIC - LOWER NICOLA

1922/12/20 P009672 0045006 STOR FOR C 41639 GUICHON CR           LOWER NICOLA WATERWORKS DISTRICT         STONP               50.80 AP Oct 01 Jun 15 STOR IN MAMIT LK
                                                                 BOX 1762
                                                                 MERRITT BC
                                                                 V0K2B0

           Guichon Creek                   WR92.I.036.4.2       D     N                                                                                    21A NIC - LOWER NICOLA
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Priority   Licence File    Appurtenancy                       Licensee                          PUC        Quantity/Units  Term   Term  Licence Comments                  Process Status
YYYY/MM/DD Number  Number                                                                                                  Start  End

           Source                         WR Map               POD   RED POD Comments                                                        Proc
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1923/07/26 F067910 0048705 STOR FOR F 7909 GUICHON CR          SHULUS CATTLE CO LTD              STONP           84.00 AF Oct 01 Jun 30 STOR IN MAMIT LK                  AND UNDER AMENDMENT
                                                               GUICHON CREEK WUC
                                                               RR 1 COMP 1 SITE 17
                                                               MERRITT BC
                                                               V0K2B0

           Guichon Creek                  WR92.I.036.4.2        D    N                                                       21A NIC - LOWER NICOLA

1934/05/16 F055971 0053896 STOR FOR C 55970 GUICHON CR         BEECH DOUGLAS N                   STONP           30.00 AF Oct 01 Jun 30 STOR IN MAMIT LK
                                                               GUICHON CREEK WUC
                                                               PO BOX 2299
                                                               MERRITT BC
                                                               V0K2B0

           Guichon Creek                  WR92.I.036.4.2        D    N                                                       21A NIC - LOWER NICOLA

1946/01/04 C033394 0159046 ALL THE LANDS WITHIN THE BDYS OF    LOWER NICOLA WATERWORKS DISTRICT  WWKLA   6,570,000.00 GY Jan 01 Dec 31
                                                               BOX 1762
                                                               MERRITT BC
                                                               V0K2B0

           Guichon Creek                  WR92.I.016.4.1        H    N                                                       21A NIC - LOWER NICOLA

1962/08/06 C067291 0245412 AS SET OUT IN CWL 66954             KUIPER NINO J & NELLIE            STONP          213.00 AF Oct 01 Jun 15 STOR IN MAMIT LK
                                                               18389 FORD RD
                                                               PITT MEADOWS BC
                                                               V3Y1Z1

           Guichon Creek                  WR92.I.036.4.2        D    N                                                       21A NIC - LOWER NICOLA

1967/07/25 C032563 0273772 ALL THE LANDS WITHIN THE BDYS OF    LOWER NICOLA WATERWORKS DISTRICT  WWKLA  36,500,000.00 GY Jan 01 Dec 31
                                                               BOX 1762
                                                               MERRITT BC
                                                               V0K2B0

           Guichon Creek                  WR92.I.016.4.1        H    N                                                       21A NIC - LOWER NICOLA
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Stream Register Report                                     Water Licence Information System                                   DATE: 1995/11/02
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Priority   Licence File    Appurtenancy                        Licensee                   PUC      Quantity/Units  Term   Term  Licence Comments        Process Status
YYYY/MM/DD Number  Number                                                                                          Start  End

        Source                        WR Map                    POD   RED POD Comments                                           Prec
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1972/09/19 C049067 0310883 L 2266 KDYD                          GALE ROBERT W & KAREN E    DOM        900.00 GD Jan 01 Dec 31
                                                                2537 SECHELT DR
                                                                NORTH VANCOUVER BC
                                                                V7H1N7

        Guichon Creek                 WR92.I.026.4.2             B     N                                                          21A NIC - LOWER NICOLA

1973/09/05 C045592 0317761 L 2268 KDYD                          LEESE PHYLLIS J            DOM        500.00 GD Jan 01 Dec 31
                                                                BOX 2091
                                                                MERRITT B C
                                                                V0K2B0

        Guichon Creek                 WR92.I.026.4.2             A     N                                                          21A NIC - LOWER NICOLA

1984/02/07 Z103110 3000474 DL 1630 KDC PARCEL A & DL 1741 KDYD  MOYER JOSEPH C & ALICE J   IRR         50.00 AF Apr 01 Sep 30                         VIC VICTORIA APPLICATION
                                                                BOX 1606
                                                                MERRITT BC
                                                                V0K2B0

        Guichon Creek                 WR92.I.016.4.3             A     N                                                          21A NIC - LOWER NICOLA

1985/06/03 C061161 3000777 STOR FOR LICENCES FOR MEMBERS        GUICHON CREEK WUC          STORP    1,700.00 AF Oct 01 Jun 15 STOR IN MAMIT LK
                           OF THE GUICHON CREEK WUC             C/O PO BOX 188
                                                                MERRITT BC
                                                                V0K2B0

        Guichon Creek                 WR92.I.036.4.2             D     N                                                          21A NIC - LOWER NICOLA

1985/10/11 Z103111 3000843 CONSERVATION PROJECT WITHIN GUICHON C FISHERIES BRANCH          CONST    1,700.00 AF Jan 01 Dec 31                         APP APPLIC-CLEARED
                           REEK                                 1259 DALHOUSIE DR
                                                                KAMLOOPS BC
                                                                V2C5Z5

        Guichon Creek                 WR92.I.036.4.2             D     N                                                          21A NIC - LOWER NICOLA
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Priority   Licence File    Appurtenancy                        Licensee                       PUC          Quantity/Units  Term   Term  Licence Comments          Process Status
YYYY/MM/DD Number  Number                                                                                                  Start  End

           Source                              WR Map              POD   RED POD Comments                                                  Prec
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1987/11/22 Z103113 3001150 L 164 KDYD EXC PLAN 21597, 32780, 278 GRANT RANCHES LTD         IRR               245.00 AF Apr 01 Sep 30                             APP APPLIC-CLEARED
                           67 & 21433; E1/2 SEC 11 TP 89 EXC     PO BOX 4040               STOMP             245.00 AF Jan 01 Dec 31
                           PLAN 11376                            LOWER NICOLA BC
                                                                 V0K1Y0

           Guichon Creek                       WR92.I.016.4.3       A     N                                                     21A NIC - LOWER NICOLA
               Guichon Creek                   WR92.I.036.4.2       D     N

1988/12/07 Z103407 3001405 L 3 L 1489 LD PLAN 34314              BEECH DOUGLAS H           IRR                14.00 AF Apr 01 Sep 30                             APP APPLIC-CLEARED
                                                                 BOX 2299                  STOMP              10.00 AF Jan 01 Dec 31
                                                                 MERRITT BC
                                                                 V0K2B0

           Guichon Creek                       WR92.I.036.2.2       H     N                                                     21A NIC - LOWER NICOLA

1989/04/12 C103116 3001455 LOT A OF DL 1488 & 2402 KDYD PLAN 389 HANSON DIANNE L           IRR                 9.98 AF Apr 01 Sep 30 STORAGE IN THE CREEK
                           50                                    1927 W 19TH AVE           STOMP               5.70 AF Oct 01 Jun 15
                                                                 VANCOUVER BC
                                                                 V6J2P2

           Guichon Creek                       WR92.I.036.3.4       L     N                                                     21A NIC - LOWER NICOLA

     ------------ Total of 31 Licences Reported ------------
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Stream Register Report      Water Licence Information System
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   Report Requested By    : EBABCOCK
   Date Report Requested : 1995/11/02 09:44
   Report Sorted By       : Source Gazetted - Priority Date - Licence Number
   Selection Criteria
                START POINT      : H012537 - Saxon Lake on Hector Creek
                END POINT        : H012533 - Hector Creek left of Steffens Creek
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Stream Register Report                                              Water Licence Information System                                     DATE: 1995/11/02
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Priority   Licence File    Appurtenancy                          Licensee                         PUC         Quantity/Units  Term   Term  Licence Comments                        Process Status
YYYY/MM/DD Number  Number                                                                                                     Start  End

           Source                            WR Map              POD   RED POD Comments                                                       Prec
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1915/10/21 C030673 0265567 217.5 AC OF L 1636, 1616, 2252        POOLEY WILFRED J & LENORE F      DOM            500.00 GD Jan 01 Dec 31 STOR AT C 30674 & 30676 HECTOR CR
                           & 2253 KDYD                           POOLEY RANCH LTD 473980          IRR            217.50 AF Apr 01 Sep 30
                                                                 BOX 1985
                                                                 MERRITT BC
                                                                 V0K2B0

           Hector Creek                      WR92.I.027           K     N                                                                     21A NIC - LOWER NICOLA

1915/10/21 C030674 0265567 STOR FOR C 30673 HECTOR CR            POOLEY WILFRED J & LENORE F      STONP           80.00 AF Oct 01 Jun 15 STOR IN SAXON LK
                                                                 POOLEY RANCH LTD 473980
                                                                 BOX 1985
                                                                 MERRITT BC
                                                                 V0K2B0

           Hector Creek                      WR92.I.027           N     N                                                                     21A NIC - LOWER NICOLA

1960/10/07 C030675 0233316 183 AC OF L 1616 1636 2252 &          POOLEY WILFRED J & LENORE F      IRR            183.00 AF Apr 01 Sep 30
                           2253 KDYD                             POOLEY RANCH LTD 473980
                                                                 BOX 1985
                                                                 MERRITT BC
                                                                 V0K2B0

           Hector Creek                      WR92.I.027           K     N                                                                     21A NIC - LOWER NICOLA

1960/10/07 C030676 0233316 STOR FOR C 30673 & 30675 HECTOR CR    POOLEY WILFRED J & LENORE F      STONP          320.00 AF Oct 01 Jun 15 STOR IN SAXON LK & HECTOR CR
                                                                 POOLEY RANCH LTD 473980
                                                                 BOX 1985
                                                                 MERRITT BC
                                                                 V0K2B0

           Hector Creek                      WR92.I.027           N     N                                                                     21A NIC - LOWER NICOLA
               Hector Creek                  WR92.I.027           K     N
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Priority   Licence File    Appurtenancy                Licensee                    PUC          Quantity/Units  Term   Term  Licence Comments                     Process Status
YYYY/MM/DD Number  Number                                                                                       Start  End

           Source                       WR Map            POD   RED POD Comments                                                        Prec
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1989/07/20 C068484 3001495 L 2007 KDYD                 SAM DENNIS                  IRR               40.00 AF Apr 01 Sep 30 STORAGE IN CREEK
                                                       SITE 18 COMP 1 RR 1         STORP             40.00 AF Oct 01 Jun 15
                                                       MERRITT BC
                                                       V0K2B0

           Hector Creek                 WR92.I.027          T    N   REDIVERSION AT B 92.I.026.2.4 STEFFENS CREEK                  21A NIC - LOWER NICOLA
              Steffens Creek            WR92.I.026.2.4      B    Y   REDIVERSION FROM L 921/2W(P) HECTOR CREEK

1989/07/20 C068485 3001882 AS SET OUT IN PWL 11801     SAM DENNIS                  STORP             49.50 AF Oct 01 Jun 15 STORAGE IN CREEK
                                                       SITE 18 COMP 1 RR 1
                                                       MERRITT BC
                                                       V0K2B0

           Hector Creek                 WR92.I.027          T    N                                                                 21A NIC - LOWER NICOLA

1989/07/20 C068636 3001496 NICOLA NAMEET INDIAN RESERVE NO 1   LOWER NICOLA INDIAN BAND    IRR              295.00 AF Apr 01 Sep 30
                           KDYD                        981-495-7223                STORP            295.00 AF Oct 01 Jun 15
                                                       PO BOX 188
                                                       MERRITT BC
                                                       V0K2B0

           Hector Creek                 WR92.I.027          T    N                                                                 21A NIC - LOWER NICOLA
              Steffens Creek            WR92.I.026.2.4      A    Y

      ------------ Total of 7 Licences Reported ------------
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Stream Register Report      Water Licence Information System
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    Report Requested By   : KBABCOCK
    Date Report Requested : 1995/11/02 09:28
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                START POINT      : M012134 - Courtrey Lake on Logana Creek
                END POINT        : 8012130 - Logana Creek left of Quilchena Creek
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Stream Register Report                                   Water Licence Information System                              DATE: 1995/11/02
                                                                                                                        TIME: 09:28
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Priority   Licence File    Appurtenancy                Licensee                      PUC        Quantity/Units  Term   Term  Licence Comments                Process Status
YYYY/MM/DD Number  Number                                                                                       Start  End

           Source                       WR Map          POD   RED POD Comments                                               Prec
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1889/05/02 F010856 0241028 5 AC OF IR #6 LOGANS KJYD   LOWER NICOLA INDIAN BAND      IRR               10.00 AF Apr 01 Sep 30
                                                       981-695-7228
                                                       RR 1 COMP 18 SITE 17
                                                       MERRITT BC
                                                       V0K2B0

           Logans Creek                 WR92.H.098       B     N                                                             21D NIC - UPPER NICOLA

    ------------ Total of 1 Licence Reported ------------
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Stream Register Report      Water Licence Information System
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    Report Requested By   : KBABCOCK
    Date Report Requested : 1995/11/02 09:47
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                 START POINT      : PD53366 - 92.I.016.2.4 A
                 END POINT        : DO12763 - Mameet Spring
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Stream Register Report
                                                     Water Licence Information System
                                                                                                                   DATE: 1995/11/02
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Priority   Licence File    Appurtenancy                       Licensee                       PUC          Quantity/Units  Term   Term  Licence Comments
YYYY/MM/DD Number  Number                                                                                                  Start  End                                    Process Status

          Source                       WR Map           POD   RED POD Comments
                                                                                                                                 Prov
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1949/02/23 C018480 0172436 100 AC OF SLY PART OF IR #1  LOWER NICOLA INDIAN BAND          IRR             250.00 AF Apr 01 Sep 30
                           NICOLA MAMEET KDYD           981-695-7233                                                                                         AND UNDER AMENDMENT
                                                        PO BOX 188
                                                        MERRITT BC
                                                        V0K2B0

          Mameet Spring                WR92.I.016.2.4    A     N
                                                                                                                                 21A NIC - LOWER NICOLA

     ------------ Total of 1 Licence Reported ------------
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Stream Register Report      Water Licence Information System
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    Report Requested By   : KBABCOCK
    Date Report Requested : 1995/11/02 09:49
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                START POINT      : PU53543 - 92.I.026.2.2 A
                END POINT        : SO12616 - Morgan Creek left of Guichon Creek
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Stream Register Report                                          Water Licence Information System                                                 DATE: 1995/11/02
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                                                                                                                                                  PAGE: 001

Priority   Licence File    Appurtenancy                      Licensee                      PUC         Quantity/Units  Term   Term  Licence Comments                    Process Status
YYYY/MM/DD Number  Number                                                                                              Start  End

           Source                          WR Map            POD   MED POD Comments                                                     Prov
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1948/06/03 C016872 0173794 IR 01 NICOLA MAMEET KDYD          LOWER NICOLA INDIAN BAND      IRR               75.00 AF Apr 01 Sep 30
                                                             981-695-7223
                                                             PO BOX 188
                                                             MERRITT BC
                                                             V0K2B0

           Morgan Creek                    WR92.I.026.2.2     B     M
               Morgan Creek                WR92.I.026.2.2     A     M                                                               21A NIC - LOWER NICOLA
               Morgan Creek                WR92.I.026.2.2     C     M

     ------------ Total of 1 Licence Reported ------------
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Stream Register Report      Water Licence Information System
_______________________________________________________________

    Report Requested By    : KBABCOCK
    Date Report Requested : 1995/11/02 11:10
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                   START POINT       : H012686 - Lac Le Jeune on Meadow Creek
                   END POINT         : S012459 - Meadow Creek left of Guichon Creek
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Stream Register Report                                       Water Licence Information System                                         DATE: 1995/11/03
                                                                                                                                      TIME: 11:10
                                                                                                                                      PAGE: 001

Priority   Licence File    Appurtenancy                      Licensee                       PUC        Quantity/Units  Term   Term  Licence Comments                  Process Status
YYYY/MM/DD Number  Number                                                                                             Start  End

         Source                          WR Map              POD   RED POD Comments                                                   Prec
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1910/12/15 F012021 0265416 179 AC OF L 754 KDYD              MORRISON RANCHES LTD           IRR         268.50 AF Apr 01 Sep 30
                                                             BOX 3215
                                                             KAMLOOPS BC
                                                             V2C6S8

         Meadow Creek                    WR92.I.047            Q    N                                                               31A NIC - LOWER NICOLA

1912/07/29 C021107 0265192 46.1 AC OF L 576 & N 1/2 OF L 382 GARTHWAITE GORDON              IRR         115.00 AF Apr 01 Sep 30
                           KDYD                              PO BOX 489
                                                             MERRITT BC
                                                             V0K1W0

         Meadow Creek                    WR92.I.046            J    N   REDIVERSION AT K 92.I.046 GUICHON CR                          31A NIC - LOWER NICOLA
             Guichon Creek               WR92.I.046            K    Y   REDIVERSION FROM J 92.I.046 MEADOW CR

1912/07/29 C021108 0265192 31 AC OF L 777 KDYD               GARTHWAITE GORDON & LARRY      IRR          77.50 AF Apr 01 Sep 30                                    A/A APPORTIONMENT PEND
                                                             BOX 489
                                                             MERRITT BC
                                                             V0K2B0

         Meadow Creek                    WR92.I.046            J    N   REDIVERSION AT L 92.I.046 GUICHON CR                          31A NIC - LOWER NICOLA
             Guichon Creek               WR92.I.046            L    Y   REDIVERSION FROM J 92.I.046 MEADOW CR

1913/06/07 F006072 0265263 20.5 AC OF N 1/2 OF SEC 27 TP 17  MICHELL NOEL H                 IRR          84.00 AF Apr 01 Sep 30 STOR AT F 6073 WALLOPER CR
                           R 19 W6M                          BOX 117
                                                             KAMLOOPS BC
                                                             V2C5K3

         Meadow Creek                    WR92.I.048            P    N                                                               31A NIC - LOWER NICOLA
             Meadow Creek                WR92.I.048            N    N
             Walloper Creek              WR92.I.048            M    N
             Walloper Creek              WR92.I.048            L    N
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Stream Register Report                                    Water Licence Information System                                   DATE: 1995/11/02
                                                                                                                              TIME: 11:10
                                                                                                                              PAGE: 003

Priority   Licence File    Appurtenancy                    Licensee                   PUC        Quantity/Units  Term   Term  Licence Comments           Process Status
YYYY/MM/DD Number  Number                                                                                        Start  End

        Source                        WR Map             POD   RED POD Comments                                                Prec
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1923/06/21 F008998 0047321 50 AC OF IR #3 PIPSUEL KDYD     LOWER NICOLA INDIAN BAND   DOM         1,000.00 GD Jan 01 Dec 31
                                                           981-695-7225               IRR           100.00 AF Apr 01 Sep 30
                                                           RR 1 COMP 18 SITE 17
                                                           MERRITT BC
                                                           V0K2B0

        Meadow Creek                  WR92.I.046           H     N
           Guichon Creek              WR92.I.046           G     N                                                             21A NIC - LOWER NICOLA

    ------------ Total of 5 Licences Reported ------------
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Stream Register Report      Water Licence Information System
_______________________________________________________________

    Report Requested By    : KBABCOCK
    Date Report Requested : 1995/11/09 14:11
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                  START POINT      : N0684 - Nicola Lake on Nicola River
                  END POINT        : S0475 - Nicola River left of Thompson River
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Priority   Licence File   Appurtenancy                          Licensee                     PUC        Quantity/Units  Term   Term  Licence Comments                 Process Status
YYYY/MM/DD Number  Number                                                                                               Start  End

         Source                       WR Map          POD   RED POD Comments                                                       Prec
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1879/04/01 C068656 0036574 L 119 & 192 EXC PLAN 400, THAT PART O CHUTTER RANCH LTD        IRR          948.65 AF Apr 01 Sep 30
                           F L 962 LYING NW OF PLAN 400 & THAT   PO BOX 2509
                           PART OF L 1 OF L 398 PLAN 40772 LYING MERRITT BC
                            W OF DD8959  XDYD                    V0K2B0

         Nicola River                 WR93.I.017.4.1     F     N                                                        21B NIC - MERRITT

1879/04/01 C068657 3002071 L 119, 192 & THAT PART SW 1/4 SEC 30  CHUTTER RANCH LTD        SW         8,500.00 GD Jan 01 Dec 31 MAXIMUM ANNUAL QUANTITY 730,500 GALLONS
                           TP 93 & NE 1/4 SEC 24 TP 91 LYING LEF PO BOX 2509
                           OF LEFT BANK NICOLA R EXC PLAN 400, T MERRITT BC
                           HAT PART L 962 LYING N & W OF PLAN400 V0K2B0
                           & THAT PART L 1 OF L 398 PLAN 40772 L
                           YING W OF DD8959 ALL XDYD

         Nicola River                 WR92.I.017.4.1     F     N                                                        21B NIC - MERRITT

1888/09/26 C007618 0241036 508 AC NOOAITCH IR LOWER NICOLA       NOOAITCH INDIAN BAND     DOM        7,500.00 GD Jan 01 Dec 31
                           #10 XDYD                              981-699-7260             IRR        1,270.00 AF Apr 01 Sep 30
                                                                 BAG 6000
                                                                 MERRITT BC
                                                                 V0K2B0

         Nicola River                 WR92.I.025.2.1     A     N                                                        21C NIC - SPENCES BRIDGE
            Nuaitch Creek             WR92.I.015.4.1     B     N
            Nuaitch Creek             WR92.I.015.4.1     A     N
            Billy Creek               WR92.I.025.1.4     G     N
            Billy Creek               WR92.I.025.1.4     F     N
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Stream Register Report                                                         Water Licence Information System                                                    DATE: 1995/11/08
                                                                                                                                                                                   TIME: 14:11
                                                                                                                                                                                   PAGE: 082

Priority   Licence File   Appurtenancy                          Licensee                                PUC           Quantity/Units Term   Term  Licence Comments                        Process Status
YYYY/MM/DD Number  Number                                                                                                             Start  End

           Source                              WR Map                POD   RED POD Comments                                                                                    Prec

1888/09/26 C007799 0241039 571 AC OF SHACKAN IR #11 LOWER        SHACKAN INDIAN BAND                     DOM             15,000.00 GD Jan 01 Dec 31                                        AND UNDER AMENDMENT
                           NICOLA KDYD                           981-698-7256                            IRR              1,713.00 AF Apr 01 Sep 30
                                                                 BOX 188
                                                                 MERRITT BC
                                                                 V0K2B0

           Nicola River                        WR92.I.025.3.4        C     N                                                                                   21C NIC - SPENCES BRIDGE
               Nicola River                    WR92.I.025.3.4        B     N
               Agate Creek                     WR92.I.025.3.4        A     N
               Nicola River                    WR92.I.035.1.1        B     N
               Skuhun Creek                    WR92.I.025.3.3        A     N
               Skuhun Creek                    WR92.I.025.3.3        C     N
               Mortimer Spring                 WR92.I.025.3.3        B     N
               Barber Spring                   WR92.I.025.3.3        F     N
               Barber Brook                    WR92.I.025.3.3        G     N
               Shakan Creek                    WR92.I.025.3.3        E     N
               Shakan Creek                    WR92.I.025.3.3        D     N

1892/06/09 C066905 0241653 123.7 AC OF L 137 KDYD EXC PLAN       STIRLING WILLIAM                        IRR                309.00 AF Apr 01 Sep 30
                           298 & 22069 BLK 4, 5 & 6 OF L 137     STIRLING W RANCHES LTD
                           PLAN 298 & THAT PART OF BLK 9 OF      BOX 4202
                           L 137 PLAN 928 LYING SE OF & HWY      LOWER NICOLA BC
                           #8 (PLAN H14816)                      V0K1Y0

           Nicola River                        WR92.I.016.1.3        D     N                                                                                   21A NIC - LOWER NICOLA

1893/06/24 C049755 0241637 44.6 AC OF L 566 KDYD EXC CPR         LARSEN JENS J & BARBARA L               DOM                500.00 GD Jan 01 Dec 31
                           R/W PLAN 400                          BOX 4355                                IRR                133.80 AF Apr 01 Sep 30
                                                                 LOWER NICOLA BC
                                                                 V0K1Y0

           Nicola River                        WR92.I.025.1.4        E     N                                                                                   21C NIC - SPENCES BRIDGE

1905/06/27 C107802 0241654 THAT PART OF L A OF DL 137 KDYD PLAN LATTA JOHN H & MYRTLE L                 IRR                 77.50 AF Apr 01 Sep 30 C107797 RUBY GULCH IS SUPPLEMENTARY TO T
                           41396 LYING NORTH OF THE RIGHT BANK   RR 2 COMP 8 SITE 22                                                                 HIS LICENCE
                           OF NICOLA RIVER                       MERRITT BC
                                                                 V0K2B7

           Nicola River                        WR92.I.016.2.2        L     N                                                                                   21A NIC - LOWER NICOLA
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Stream Register Report                                         Water Licence Information System                                        DATE: 1995/11/09
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Priority   Licence File    Appurtenancy                        Licensee                          PUC        Quantity/Units Term   Term  Licence Comments                   Process Status
YYYY/MM/DD Number  Number                                                                                                  Start  End

           Source                          WR Map        POD   RED POD Comments                                                          Prec
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1905/06/27 C107803 3002176 THAT PART OF L 2 OF DL 127 KDYD PLAN  WATSON GERALD K & TERRY R         IRR            92.25 AF Apr 01 Sep 30 C107798 RUBY GULCH IS SUPPLEMENTARY TO T
                           5397 EXC PLANS B7348 & 40995 LYING    RR 2 COMP 7 SITE 22                                                     HIS LICENCE
                           NORTH & EAST OF THE RIGHT BANK OF     MERRITT BC
                           NICOLA RIVER                          V0K2B7

           Nicola River                    WR92.I.016.2.2  L     N                                                                       21A NIC - LOWER NICOLA

1905/06/27 F017315 0241654 49 AC OF L 1 OF L 127 KDYD PLAN       SHULUS CATTLE CO LTD              IRR           122.50 AF Apr 01 Sep 30
                           5397 EXC PLAN 6696                    RR 1 COMP 1 SITE 17
                                                                 MERRITT BC
                                                                 V0K2B0

           Nicola River                    WR92.I.016.2.2  A     N                                                                       21A NIC - LOWER NICOLA

1905/07/06 C068660 0019699 L 189 & 192 & THAT PART SW 1/4 SEC 30 CHUTTER RANCH LTD                 IRR           218.40 AF Apr 01 Sep 30
                            TP 93 LYING LEFT OF LEFT BANK OF     PO BOX 2509
                           NICOLA R EXC PLAN 400 ALL KDYD        MERRITT BC
                                                                 V0K2B0

           Nicola River                    WR92.I.017.4.1  F     N                                                                       21B NIC - MERRITT

1905/07/06 C068661 3002072 L 188 & 494 & THAT PART L 666 SHOWN O CHUTTER RANCH LTD                 IRR           381.60 AF Apr 01 Sep 30
                           N PLAN B3165 KDYD                     PO BOX 2509
                                                                 MERRITT BC
                                                                 V0K2B0

           Nicola River                    WR92.I.017.4.1  F     N                                                                       21B NIC - MERRITT

1905/07/06 C068664 3002097 L 119, 192 & PART SW 1/4 SEC 30 TP 93 CHUTTER RANCH LTD                 SW            500.00 GD Jan 01 Dec 31
                            & NE 1/4 SEC 24 TP 91 LYING LEFT OF  PO BOX 2509
                           LEFT BANK NICOLA R EXC PLAN 400; THAT MERRITT BC
                            PART L 962 LYING N & W OF PLAN 400;  V0K2B0
                           & THAT PART L 1 OF L 398 PLAN 40772 L
                           YING W OF DD8959 ALL KDYD

           Nicola River                    WR92.I.017.4.1  F     N                                                                       21B NIC - MERRITT
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Stream Register Report                                                Water Licence Information System                                     DATE: 1995/11/09
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Priority   Licence File    Appurtenancy                         Licensee                    PUC        Quantity/Units  Term   Term  Licence Comments            Process Status
YY/Y/MM/DD Number  Number                                                                                              Start  End

           Source                      WR Map                      POD   RED POD Comments                                            Prec
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1907/06/17 C068659 0035507 L 494 & 769 KDYD                     CHUTTER RANCH LTD           IRR              132.50 AF Apr 01 Sep 30
                                                                PO BOX 2509
                                                                MERRITT BC
                                                                V0K2B0

           Nicola River                WR92.I.017.4.1             F     N                                                        21B NIC - MERRITT

1907/06/17 C068663 3002098 L 119, 193 & THAT PART SW 1/4 SEC 30 CHUTTER RANCH LTD           SW               500.00 GD Jan 01 Dec 31
                           TP 93 & NE 1/4 SEC 24 TP 91 LYING    PO BOX 2509
                           LEFT OF LEFT BANK OF NICOLA R EXC PLA MERRITT BC
                           N 400; THAT PART L 962 LYING N & W   V0K2B0
                           OF PLAN 400 & THAT PART L 1 OF L 398
                           PLAN 40772 LYING W OF DD8959 ALL KDYD

           Nicola River                WR92.I.017.4.1             F     N                                                        21B NIC - MERRITT

1909/02/16 C063076 0370576 1.5 AC OF L 1 OF L 1022 KDYD         BAKER JAMES A               IRR                4.50 AF Apr 01 Sep 30
                           PLAN 31601                           BOX 4189
                                                                LOWER NICOLA BC
                                                                V0K1Y0

           Nicola River                WR92.I.015.2.4             R     N                                                        21B NIC - MERRITT

1909/02/16 F050527 0241677 14.5 AC OF THAT PART OF L 1022       BONNETEAU GEORGE & KAREN    IRR               43.50 AF Apr 01 Sep 30
                           KDYD LYING N & E OF ROAD SHOWN       RR 2 COMP 9 SITE 22
                           ON PLAN 2313                         MERRITT BC
                                                                V0K2B7

           Nicola River                WR92.I.015.2.4             N     N                                                        21B NIC - MERRITT

1909/03/16 F005669 0241678 11.8 AC OF L 130 KDYD                NEALE BROS RANCH            DOM              500.00 GD Jan 01 Dec 31
                                                                BOX 1060                    IRR               24.00 AF Apr 01 Sep 30
                                                                MERRITT BC
                                                                V0K2B0

           Nicola River                WR92.I.016.2.3             L     N                                                        21B NIC - MERRITT
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Priority   Licence File    Appurtenancy                          Licensee                   PUC        Quantity/Units Term   Term  Licence Comments          Process Status
YYYY/MM/DD Number  Number                                                                                          Start  End

           Source                            WR Map              POD   RED POD Comments                                               Prec
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1914/04/07 C054076 0265400 79.5 AC OF L 6 - 22 INCL OF L 136     GARDNER RANCH LTD          IRR          199.00 AF Apr 01 Sep 30                           A/A APPORTIONMENT PEND
                           KDYD PLAN 920                          BOX 40
                                                                  LOWER NICOLA BC
                                                                  V0K1Y0

           Nicola River                      WR92.I.016.1.4        A     N
               Nicola River                  WR92.I.016.1.4        Q     N                                                        21B NIC - MERRITT

1918/04/11 C068658 0004673 L 120, 168, 169, 186, 187, 769, 1148  CHUTTER RANCH LTD          IRR          390.00 AF Apr 01 Sep 30
                           & 1304 EXC PART LYING WITHIN L 614     PO BOX 2509
                           & SE 1/4 SEC 24 TP 91 KDYD             MERRITT BC
                                                                  V0K2B0

           Nicola River                      WR92.I.017.4.1        F     N                                                        21B NIC - MERRITT

1922/06/20 C047069 0038712 SEE FILE                               JOHNSTON JAMES E           IRR           22.50 AF Apr 01 Sep 30
                                                                  BOX 465
                                                                  MERRITT BC
                                                                  V0K2B0

           Nicola River                      WR92.I.015.2.4        A     N                                                        21C NIC - SPENCES BRIDGE

1922/04/20 C110115 0038712 9.0 ACS OF THOSE PARTS OF PCL A SE 1/  CARNEGIE DOUGLAS R         IRR           22.50 AF Apr 01 Sep 30
                           4 SEC 1 TP 14 R 23 W6M EXC PLAN        847 11 ST E
                           KAP49445 & SW 1/4 OF SEC 6 TP 14 R 22  NORTH VANCOUVER BC
                            W6M ALL LYING SOUTH OF PLAN H14816    V7L2J2
                           & EAST OF A SOUTHERLY PRODUCTION OF W
                           EST BOUNDARY OF PLAN 31693 KDYD

           Nicola River                      WR92.I.015.2.4        A     N                                                        21C NIC - SPENCES BRIDGE

1939/12/07 C066949 0089704 40 AC OF L 1 OF L 132 KDYD             KUIPER NINO J & NELLIE     IRR          100.00 AF Apr 01 Sep 30
                           PLAN 3358                              18389 FORD RD
                                                                  PITT MEADOWS BC
                                                                  V3Y1Z1

           Nicola River                      WR92.I.016.1.4        S     N                                                        21A NIC - LOWER NICOLA
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Stream Register Report                                                                     Water Licence Information System                                                      DATE: 1995/11/09
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Priority   Licence File    Appurtenancy                           Licensee                                  PUC           Quantity/Units  Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                                 Start  End

           Source                               WR Map            POD   RED POD Comments                                                                      Prec
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1931/04/23 C060715 0099323 132.11 AC OF L 134 EXC PLAN            MILLER RANCHES LTD                        DOM              2,000.00 GD Jan 01 Dec 31                                          AND UNDER AMENDMENT
                           16161 & 18579 ALL OF KDYD              GD                                        IRR                396.32 AF Apr 01 Sep 30
                                                                  HANCEVILLE BC
                                                                  V0L1K0

           Nicola River                         WR92.I.016.1.4     L     N                                                                                    31A NIC - LOWER NICOLA
               Nicola River                     WR92.I.016.1.4     N     N

1938/06/02 F020556 0201398 7 AC OF L 1-13 INCL BLK 1 OF L         HAASKE WOLFGANG D & SUSAN                 IRR                  7.00 AF Apr 01 Sep 30
                           137 KDYD PLAN 928                      BOX 4315
                                                                  LOWER NICOLA BC
                                                                  V0K1Y0

           Nicola River                         WR92.I.016.1.3     B     N                                                                                    31A NIC - LOWER NICOLA

1938/06/02 F050166 0131063 2 AC OF L 14 & 15 BLK 1 OF L 137       RAMSEY EDITH M                            IRR                  2.00 AF Apr 01 Sep 30                                          A/A APPORTIONMENT PEND
                           KDYD PLAN 928                          BOX 4172
                                                                  LOWER NICOLA BC
                                                                  V0K1Y0

           Nicola River                         WR92.I.016.1.3     C     N                                                                                    31A NIC - LOWER NICOLA

1941/02/07 C058163 0142058 134 AC OF L 126 & 176 GP 1 KDYD        COLLETT RANCH LTD                         IRR                335.00 AF Apr 01 Sep 30                                          A/A APPORTIONMENT PEND
                           EXC PLAN B503 561 11119 11987          PO BOX 816
                           & 12017                                MERRITT BC
                                                                  V0K2B0

           Nicola River                         WR92.I.016.2.2     G     Y   REDIVERSION FROM D3 6052B COLDWATER R                                        31B NIC - MERRITT
               Coldwater River                  WR92.I.017.1.1.1   A     N   REDIVERSION AT G 92.I.016.2.2 NICOLA R

1944/03/08 F015609 0152045 34 AC OF THAT PART OF L 93 KDYD        CURNOW THOMAS R & MARY E                  IRR                102.00 AF Apr 01 Sep 30
                           LYING S OF CPR R/W & L 94              BOX 63                                    PRRES               50.00 CS Jan 01 Dec 31
                                                                  SPENCES BRIDGE BC
                                                                  V0K2L0

           Nicola River                         WR92.I.044.1.2     B     N                                                                                    21C NIC - SPENCES BRIDGE
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Priority   Licence File    Appurtenancy                        Licensee                       PUC        Quantity/Units  Term   Term  Licence Comments              Process Status
YYYY/MM/DD Number  Number                                                                                                Start  End

           Source                         WR Map          POD   RED POD Comments                                                      Prsc
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1946/01/17 C017029 0159188 30 AC OF IR 810 NOOAITCH KDYD       NOOAITCH INDIAN BAND           IRR            90.00 AF Apr 01 Sep 30
                           LYING E OF NICOLA R & N & S OF      981-699-7260
                           SHACKELLY CR KDYD                   BAG 6000
                                                               MERRITT BC
                                                               V0K2B0

           Nicola River                   WR92.I.015.4.3    A     N                                                                   21C NIC - SPENCES BRIDGE

1949/02/07 C019468 0177422 520 AC OF L 115,116,117,118,119,    COQUIHALLA DEVELOPMENTS CORP   IRR         1,300.00 AF Apr 01 Sep 30                                A/A APPORTIONMENT PEND
                           189,190,193,1648,1649,201,203,204,  BOX 4000
                           205,570,593,594 & 1888, NW 1/4 OF   MERRITT BC
                           23 E 1/2 OF SEC 25 TP 91, NE 1/4    V0K2B0
                           & W 1/2 OF SEC 31 TP 93 SEC 6 &
                           NW 1/4 OF SEC 4 TP 94 W6M

           Nicola River                   WR92.I.017.4.1    E     N                                                                   21A NIC - LOWER NICOLA

1960/06/01 C026215 0231303 MILLSITE SIT ON L 1915 KDYD AS      CRAIGMONT MINES                MNORE   1,300,000.00 GD Jan 01 Dec 31                                AND UNDER AMENDMENT
                           SHOWN ON ATTACHED PLAN              320 1639 W 2 AVE
                                                               VANCOUVER BC
                                                               V6J1H3

           Nicola River                   WR92.I.016.2.3    B     N                                                                   21A NIC - LOWER NICOLA

1962/11/19 F019951 0247217 L 1 OF L 176 KDYD PLAN 8212         NORGAARD READY MIX LTD         PROCE       8,000.00 GD Jan 01 Dec 31                                AND UNDER AMENDMENT
                                                               RR 1
                                                               MERRITT B C
                                                               V0K2B0

           Nicola River                   WR92.I.016.2.2    D     N                                                                   21A NIC - LOWER NICOLA

1963/01/28 C028345 0248068 10 AC OF FRAC LS 8 & 9 OF SEC 16    STEPHENSON GEORGE W & KATHLEEN IRR            30.00 AF Apr 01 Sep 30
                           TP 16 R 24 W6M LYING W OF NICOLA    14-7401 CENTRAL SAANICH
                           R & EXC CPR R/W                     SAANICHTON BC
                                                               V8M2B5

           Nicola River                   WR92.I.034.2.4    A     N                                                                   21C NIC - SPENCES BRIDGE
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Priority   Licence File    Appurtenancy                          Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                        Process Status
YYYY/MM/DD Number  Number                                                                                                               Start  End

           Source                             WR Map               POD   REG POD Comments                                                                     Prec

1963/01/29 C028343 0248066 10 AC OF THAT PART OF THE SW 1/4      HAYWARD JOANNE                           IRR                 30.00 AF Apr 01 Sep 30
                           OF SEC 32 TP 16 R 24 W6M LYING N      PO BOX 5
                           OF NICOLA R                           SPENCES BRIDGE B C
                                                                 V0K2L0

           Nicola River                       WR92.I.036.4.3        B     N                                                                                   21C NIC - SPENCES BRIDGE

1964/03/13 C029530 0255576 75 AC OF FRAC LS 6 W 1/2 LS 7 &       CHAMPLAIN SERVICE CORP                   DOM              1,000.00 GD Jan 01 Dec 31
                           THOSE PART OF LS 3,5,11 & 12 KDYD     BOX 8                                    IRR                107.50 AF Apr 01 Sep 30
                           LYING N & E OF NICOLA R SEC 10 TP     SPENCES BRIDGE BC
                           16 R 24 W6M EXC CPR R/W PLAN 400      V0K2L0

           Nicola River                       WR92.I.036.2.4        D     N                                                                                   21C NIC - SPENCES BRIDGE

1965/04/01 C061110 0261516 50.1 AC OF L A OF L 121, 123 &        GARTHWAITE GRETA A                       IRR                100.20 AF Apr 01 Sep 30
                           171 KDYD PLAN 30934 EXC THOSE         PO BOX 489
                           PARTS LYING ON THE N OF               MERRITT BC
                           NICOLA R                              V0K2B0

           Nicola River                       WR92.I.017.1.1.4      C     N                                                                                   21B NIC - MERRITT

1965/04/01 C061111 3000518 65 AC OF SW 1/4 SEC 14 TP 91          GARTHWAITE GRETA A                       IRR                130.00 AF Apr 01 Sep 30
                           KDYD EXC PLAN 15455, 20769            PO BOX 489
                           COQUIHALLA HWY (DPX 6475)             MERRITT BC
                                                                 V0K2B0

           Nicola River                       WR92.I.017.1.1.2      A     N                                                                                   21B NIC - MERRITT

1965/04/12 C031187 0261536 100 AC OF THAT PART OF NE 1/4 OF      NICOLA VALLEY INDIAN SERVICES ASSOC      IRR                250.00 AF Apr 01 Sep 30                                         A/A APPORTIONMENT PEND
                           SEC 22 TP 21 W6M LYING S OF KAM       BOX 188
                           MERRITT HWY & THAT PART OF L 121      MERRITT BC
                           KDYD SHOWN ON PLAN B3622 EXC          V0K2B0
                           PLAN A 2605, 8039 & 15631

           Nicola River                       WR92.I.017.1.1.4      A     N                                                                                   21A NIC - LOWER NICOLA
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Priority   Licence File    Appurtenancy                       Licensee                          PUC        Quantity/Units  Term   Term  Licence Comments                       Process Status
YYYY/MM/DD Number  Number                                                                                               Start  End

           Source                            WR Map            POD   RED POD Comments                                                     Prec
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1965/07/13 C031416 0263420 60 AC OF L 130 KDYD                 NEALE BROS RANCH                  IRR           120.00 AF Apr 01 Sep 30
                                                              BOX 1060
                                                              MERRITT BC
                                                              V0K2B0

           Nicola River                      WR92.I.016.2.3      L     N                                                                 21B NIC - MERRITT

1965/09/15 C033648 0264410 5 AC OF PART OF NE 1/4 SEC 29       O'GRADY PATRICIA                  IRR            12.50 AF Apr 01 Sep 30                                        AMD UNDER AMENDMENT
                           TP 16 R 4 W6M LYING NE OF NICOLA    BOX 148
                           R EXC MERRITT-SPENCES BR HWY        SPENCES BRIDGE BC
                                                              V0K2L0

           Nicola River                      WR92.I.034.4.3      E     N                                                                 21C NIC - SPENCES BRIDGE

1966/06/23 C032099 0270101 60 AC OF L 93 KDYD LYING S OF       CURNOW THOMAS & MARY E            IRR           180.00 AF Apr 01 Sep 30
                           CPR R/W                             BOX 63
                                                              SPENCES BRIDGES BC
                                                              V0K2L0

           Nicola River                      WR92.I.044.1.4      D     N                                                                 21C NIC - SPENCES BRIDGE

1966/09/19 C037181 0269388 21.4 AC OF THAT PART OF L 126       BOUCHARD LAURENT J & GERMAINE M   IRR            53.50 AF Apr 01 Sep 30                                        A/A APPORTIONMENT PEND
                           KDYD AS SHOWN ON PLAN B873 EXC      BOX 344
                           PLAN 14695 & 18148                  MERRITT BC
                                                              V0K2B0

           Nicola River                      WR92.I.017.1.1.3    B     N                                                                 21B NIC - MERRITT

1966/10/07 F051490 0329938 14.5 AC OF THAT PART OF L 3006      JOHNSON RONALD R & THELMA J       IRR            43.50 AF Apr 01 Sep 30
                           KDYD LYING N & W OF RD SHOWN        BOX 2438
                           ON PLAN 23138                       MERRITT B C
                                                              V0K2B0

           Nicola River                      WR92.I.016.1.3      H     N                                                                 21B NIC - MERRITT
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Priority   Licence File    Appurtenancy                        Licensee                             PUC        Quantity/Units  Term   Term  Licence Comments          Process Status
YYYY/MM/DD Number  Number                                                                                                      Start  End

           Source                          WR Map              POD   RED POD Comments                                                           Prec
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1966/10/07 F051491 0270652 26 AC OF THAT PART OF L 1022 KDYD   BONNETEAU GEORGE & KAREN             IRR              78.00 AF Apr 01 Sep 30
                           LYING N & W OF RD SHOWN ON PLAN     RR 2 COMP 9 SITE 22
                           23138                               MERRITT BC
                                                               V0K2B7

           Nicola River                    WR92.I.015.2.4       M     M                                                                         21B NIC - MERRITT

1966/12/19 C037182 0290958 60 AC OF THAT PART OF L 124 KDYD    MERRITT CITY OF                      IRRMU           150.00 AF Apr 01 Sep 30                           A/A APPORTIONMENT PEND
                           AS SHOWN ON PLAN B1611 & LYING W    BOX 189
                           OF HWY #5                           MERRITT BC
                                                               V0K2B0

           Nicola River                    WR92.I.017.1.1.3     A     M                                                                         21A NIC - LOWER NICOLA

1966/12/19 C037183 0290959 4 AC OF L 1 OF L 124 KDYD PLAN      SCHOOL DISTRICT NO 31 MERRITT        IRR              10.00 AF Apr 01 Sep 30
                           18168                               PO BAG 4100
                                                               MERRITT BC
                                                               V0K2B0

           Nicola River                    WR92.I.017.1.1.4     B     M                                                                         21B NIC - MERRITT

1967/02/27 F050163 0273087 L 1 OF L 174 KDYD PLAN 8212         NORGAARD READY MIX LTD               PROCE        25,000.00 GD Jan 01 Dec 31                           AND UNDER AMENDMENT
                                                               RR 1
                                                               MERRITT B C
                                                               V0K2B0

           Nicola River                    WR92.I.016.2.2       D     M                                                                         21A NIC - LOWER NICOLA

1967/03/03 F046848 0273110 1.5 AC OF L 1 OF L 3512 KDYD PLAN   WITT PAUL A                          IRR               4.50 AF Apr 01 Sep 30
                           16106                               PO BOX 1356
                                                               MERRITT BC
                                                               V0K2B0

           Nicola River                    WR92.I.016.1.3       F     M                                                                         21A NIC - LOWER NICOLA
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Stream Register Report                                          Water Licence Information System                                        DATE: 1995/11/09
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Priority   Licence File    Appurtenancy                        Licensee                        PUC        Quantity/Units  Term   Term  Licence Comments                Process Status
YYYY/MM/DD Number  Number                                                                                                 Start  End

           Source                              WR Map              POD   RED POD Comments                                                 Proc
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1967/03/07 C057282 0273126 45 AC OF L 134 KDYD EXC PLAN        MILLER RANCHES LTD              IRR              135.00 AF Apr 01 Sep 30                                 AND UNDER AMENDMENT
                           16161 & 18579                       GD
                                                               HANCEVILLE BC
                                                               V0L1K0

           Nicola River                        WR92.I.016.1.3        L     N                                                       21A NIC - LOWER NICOLA

1967/04/28 C032707 0273359 15 AC OF FRAC LS 10 & 15 OF         SMITH ROBERT H                  IRR               30.00 AF Apr 01 Sep 30
                           SEC 3 TP 16 R 24 W6M EXC CPR R/W    SMITH CLIFFORD
                           PLAN 608 & MERRITT-SPENCES BRIDGE   BOX 8
                           HWY                                 SPENCES BRIDGE BC
                                                               V0K2L0

           Nicola River                        WR92.I.034.2.2        C     N                                                       21C NIC - SPENCES BRIDGE

1967/11/06 C033295 0273428 15 AC OF FRAC LS 4 OF SEC 15        WYATT-PURDEN DOUGLAS & MARLYN   DOM              500.00 GD Jan 01 Dec 31
                           LYING N OF NICOLA R & SW OF CPR     PO BOX 128                      IRR               45.00 AF Apr 01 Sep 30
                           R/W & FRAC LS 1 OF SEC 16 LYING E   SPENCES BRIDGE BC
                           OF NICOLA R TP 16 R 24 W6M          V0K2L0

           Nicola River                        WR92.I.034.2.4        C     N                                                       21C NIC - SPENCES BRIDGE
               Nicola River                    WR92.I.034.2.4        B     N

1968/06/10 C034295 0281233 50 AC OF L 1036 KDYD EXC CPR R/W    BERGH STEPHEN H                 IRR              150.00 AF Apr 01 Sep 30
                                                               WOODS PATRICIA A
                                                               BOX 187
                                                               CAMPBELL RIVER BC
                                                               V9W5A7

           Nicola River                        WR92.I.025.3.2        A     N                                                       21C NIC - SPENCES BRIDGE

1969/01/22 F049864 0285153 4 AC OF L 1 OF L 134 KDYD PLAN      STADELE HANS & ANNE MARIE       IRR               12.00 AF Apr 01 Sep 30
                           8579                                BOX 10
                                                               LOWER NICOLA B C
                                                               V0K1Y0

           Nicola River                        WR92.I.016.1.4        E     N                                                       21A NIC - LOWER NICOLA
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Priority   Licence File    Appurtenancy                          Licensee                        PUC         Quantity/Units  Term   Term  Licence Comments                    Process Status
YYYY/MM/DD Number  Number                                                                                                  Start  End

           Source                            WR Map               POD   RED POD Comments                                                 Proc
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1969/04/02 C036002 0205351 40 AC OF FRAC LS 15 & 16 OF SEC 34    MOSES MAY                       DOM             1,000.00 GD Jan 01 Dec 31
                           TP 15 FRAC LS 1,7 & 8 OF SEC 3        BOX 4193                        IRR                80.00 AF Apr 01 Sep 30
                           TP 16 R 24 W6M                        LOWER NICOLA BC
                                                                 V0K1Y0

           Nicola River                      WR92.I.034.2.4         B     N                                                       21C NIC - SPENCES BRIDGE
               Nicola River                  WR92.I.034.2.4         A     N

1970/04/03 C109969 0296217 1.3 ACS OF LOT 1 SEC 11 TP 14 R 23 W6 WOODS CHARLES L                 DOM               500.00 GD Jan 01 Dec 31
                           N KDYD PLAN 36753                     WARE BEVERLY J                  IRR                 3.90 AF Apr 01 Sep 30
                                                                 BOX 172
                                                                 MERRITT BC
                                                                 V0K2B0

           Nicola River                      WR92.I.015.4.2         B     N                                                       21C NIC - SPENCES BRIDGE
               Nicola River                  WR92.I.015.4.2         C     N

1970/10/26 C040819 0300359 2.8 AC OF BLK A OF SEC 29 TP 16       LAMARO NICOLA                   IRR                 7.00 AF Apr 01 Sep 30
                           R 24 W6M                              PO BOX 1212
                                                                 MERRITT B C
                                                                 V0K2B0

           Nicola River                      WR92.I.034.4.3         D     N                                                       21C NIC - SPENCES BRIDGE

1971/04/26 C040987 0305183 20 AC OF NE 1/4 OF SEC 31 TP 16       JEFFRIES LUIS                   IRR                60.00 AF Apr 01 Sep 30
                           R 24 W6M EXC CPR R/W PLAN 400         BOX 1662
                           & HWY 88                              MERRITT BC
                                                                 V0K2B0

           Nicola River                      WR92.I.034.4.3         A     N                                                       21C NIC - SPENCES BRIDGE

1972/03/07 C043325 0309696 12 AC OF BLK A OF LS 3 & 4 OF SEC     SMITH CLIFFORD & JOYCE          IRR                36.00 AF Apr 01 Sep 30
                                                                 BOX 8
                                                                 SPENCES BRIDGE BC
                                                                 V0K2L0

           Nicola River                      WR92.I.034.4.1         A     N                                                       21C NIC - SPENCES BRIDGE
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Priority   Licence File    Appurtenancy                        Licensee                     PUC      Quantity/Units Term   Term  Licence Comments           Process Status
YYYY/MM/DD Number  Number                                                                                          Start  End

           Source                          WR Map              POD   RED POD Comments                                            Prec
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1972/04/06 F050520 0309891 24 AC OF L A OF L 3006 KDYD PLAN   TORGERSON GLEN & LOIS        IRR           72.00 AF Apr 01 Sep 30
                           23138                               BOX 4105
                                                               LOWER NICOLA BC
                                                               V0K1Y0

           Nicola River                    WR92.I.016.1.3       J     N                                                          21B NIC - MERRITT

1973/06/01 F049863 0317087 8 AC OF BLK B OF L 4101 KDYD       MAASKE WOLFGANG D & SUSAN    IRR           24.00 AF Apr 01 Sep 30
                                                               BOX 4315
                                                               LOWER NICOLA BC
                                                               V0K1Y0

           Nicola River                    WR92.I.015.2.4       D     N                                                          21A NIC - LOWER NICOLA

1974/01/09 C048919 0322426 12 AC OF THAT PART FRAC W 1/4 OF   BOUTIN PIERRE P              IRR           36.00 AF Apr 01 Sep 30
                           SEC 6 TP 17 R 24 W6M LYING W OF     NELSON DAVID N
                           NICOLA R EXC CPR R/W PLAN 400       PO BOX 136
                                                               ASHCROFT BC
                                                               V0K1A0

           Nicola River                    WR92.I.044.2.1       A     N                                                          21C NIC - SPENCES BRIDGE

1974/03/11 C046011 0322605 4 AC OF L A OF L 1610 KDYD PLAN    TURCHAK STEPHEN F & KELLY    IRR           10.00 AF Apr 01 Sep 30
                           23855                               BOX 1305
                                                               MERRITT BC
                                                               V0K2B0

           Nicola River                    WR92.I.016.1.3       N     N                                                          21B NIC - MERRITT

1974/03/14 F050529 0322731 52 AC OF L 126 KDYD EXC PLAN       COLLETT RANCH LTD            IRR          130.00 AF Apr 01 Sep 30
                           B583, 561, 11119, 11987 & 12017     PO BOX 816
                                                               MERRITT BC
                                                               V0K2B0

           Nicola River                    WR92.I.016.2.2       G     N                                                          21B NIC - MERRITT
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Stream Register Report                                 Water Licence Information System                                    DATE: 1995/11/09
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Priority   Licence File    Appurtenancy                     Licensee                          PUC       Quantity/Units  Term   Term  Licence Comments               Process Status
YYYY/MM/DD Number  Number                                                                                               Start  End

        Source                          WR Map.             POD   RED POD Comments                                                   Proc
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1974/03/25 C068316 0322780 50 AC OF L 1610 KDYD EXC PLAN    SOLECKI JONATHAN D & CYNTHIA W    IRR         125.00 AF Apr 01 Sep 30
                           23855 & 33470                    BOX 4220
                                                            LOWER NICOLA B C
                                                            V0K1Y0

        Nicola River                    WR92.I.016.1.3       L     N                                                                 21B NIC - MERRITT

1974/03/25 C068317 0370963 10 AC OF L 1 OF L 1610 KDYD PLAN VICHERT BRUCE W                   IRR          25.00 AF Apr 01 Sep 30
                           33470                            KLAUDT SIMON L
                                                            PO BOX 4307
                                                            LOWER NICOLA BC
                                                            V0K1Y0

        Nicola River                    WR92.I.016.1.3       M     N                                                                 21B NIC - MERRITT

1975/04/24 C110113 0328707 20 AC OF PART OF SE 1/4 SEC 1 &  CARNEGIE DOUGLAS R                IRR          50.00 AF Apr 01 Aug 15
                           SW 1/4 SEC 6 OF L 137 KDYD       847 11 ST E
                           (SEE FILE)                       NORTH VANCOUVER BC
                                                            V7L2J2

        Nicola River                    WR92.I.015.2.4       A     N                                                                 21C NIC - SPENCES BRIDGE

1975/08/21 C067164 0320379 84 AC OF BLK 3 4 5 6 7 & 9 OF L 137   STIRLING WILLIAM             IRR         210.00 AF Apr 01 Aug 15                                        A/A APPORTIONMENT PEND
                           PLAN 928 EXC PLAN H-14816 & L 137 EXC STIRLING W RANCHES LTD
                           PLAN 928 22069 DD 3707 & 400 & BLK A  BOX 4202
                           OF L 4239 & BLK A OF SEC 6 TP 14 R 22 LOWER NICOLA BC
                           W6M ALL OF KDYD                  V0K1Y0

        Nicola River                    WR92.I.016.1.3       D     N                                                                 21A NIC - LOWER NICOLA

1975/08/21 C067165 3001514 10 AC OF BLK 2 OF L 137 KDYD     MONTGOMERY PAUL F & HEATHER A     IRR          25.00 AF Apr 01 Aug 15
                           PLAN 928                         PO BOX 4324
                                                            LOWER NICOLA BC
                                                            V0K1Y0

        Nicola River                    WR92.I.016.1.3       V     N                                                                 21A NIC - LOWER NICOLA
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Priority   Licence File    Appurtenancy                        Licensee                     PUC        Quantity/Units  Term   Term  Licence Comments                   Process Status
YYYY/MM/DD Number  Number                                                                                            Start  End

        Source                       WR Map            POD   RED POD Comments                                                  Prec
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1975/08/21 C067166 3001515 6 AC OF BLK 8 OF L 137 KDYD PLAN 928  CRACK DAVID T & KATHRYN E    IRR           15.00 AF Apr 01 Aug 15
                                                                 BOX 4087
                                                                 LOWER NICOLA BC
                                                                 V0K1Y0

        Nicole River                 WR92.I.016.1.3     W     N                                                                21A NIC - LOWER NICOLA

1976/06/21 C049068 0330863 10 AC OF PART FRAC LS 16 SEC 16       BULMER GARNET A & JOAN E     IRR           30.00 AF Apr 01 Sep 30                                     AND UNDER AMENDMENT
                           TP 16 R 24 W6M LYING W OF NICOLA R    BOX 113
                           & E OF CPR R/W PLAN 400               SPENCES BRIDGE BC
                                                                 V0K2L0

        Nicole River                 WR92.I.034.4.2     D     N                                                                21C NIC - SPENCES BRIDGE

1976/07/22 C050394 0340017 15 AC OF THAT PART OF L 398 KDYD      DOUGLAS LAKE CATTLE CO LTD   IRR           45.00 AF Apr 01 Sep 30
                           LYING W OF PLAN 8876 EXC PLAN DD      GD
                           1298                                  DOUGLAS LAKE BC
                                                                 V0E1S0

        Nicola River                 WR92.I.017.4.1     G     N                                                                21B NIC - MERRITT
            Nicola River             WR92.I.017.4.1     F     N

1977/06/03 C050391 0341368 0.5 AC OF L A OF L 137 KDYD PLAN      DAVIS ROBERT G & INGRID H    IRR            1.25 AF Apr 01 Sep 30
                           22069                                 BOX 1596
                                                                 MERRITT B C
                                                                 V0K2B0

        Nicola River                 WR92.I.016.1.3     G     N                                                                21A NIC - LOWER NICOLA

1977/07/26 C054078 0341767 90.5 AC OF L 1 - 22 INCL OF L 136     GARDNER RANCH LTD            IRR          226.50 AF Apr 01 Sep 30                                     A/A APPORTIONMENT PEND
                           KDYD PLAN 928 EXC THAT PART SHOWN     BOX 40
                           AS ROAD ON PLAN 23855                 LOWER NICOLA BC
                                                                 V0K1Y0

        Nicola River                 WR92.I.016.1.4     A     N                                                                21B NIC - MERRITT
            Nicola River             WR92.I.016.1.3     Q     N
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Priority   Licence File    Appurtenancy                          Licensee                                 PUC          Quantity/Units  Term   Term  Licence Comments                        Process Status
YYYY/MM/DD Number  Number                                                                                                              Start  End

           Source                              WR Map                POD   RED POD Comments                                                                    Prec
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1977/09/09 C051604 0342048 85 AC OF L 1023 KDYD EXC PLAN         GORDON CREEK RANCH                       IRR               212.50 AF Apr 01 Sep 30                                         AMD UNDER AMENDMENT
                           B1625 & DD 4919; LS 4 & 5 OF SEC      BOX 309
                           16 TP 15 R 23 W6M LYING W OF          MERRITT BC
                           NICOLA R                              V0K2B0

           Nicola River                        WR92.I.025.3.2        E     W                                                                                   21C NIC - SPENCES BRIDGE

1977/09/09 C051605 0342047 22 AC OF L 566 KDYD                   LARSEN JENS J & BARBARA L                IRR                55.00 AF Apr 01 Sep 30
                                                                 BOX 4355
                                                                 LOWER NICOLA BC
                                                                 V0K1V0

           Nicola River                        WR92.I.025.1.4        E     W                                                                                   21C NIC - SPENCES BRIDGE

1977/10/17 Z103144 0342195 L 1610 KDYD EXC PLAN 23855            SOLECKI JONATHAN D & CYNTHIA W           IRR               200.00 AF Apr 01 Sep 30                                         APP APPLIC-CLEARED
                                                                 BOX 4220
                                                                 LOWER NICOLA B C
                                                                 V0K1V0

           Nicola River                        WR92.I.016.1.3        L     W                                                                                   21B NIC - MERRITT

1978/03/22 C053592 0342858 20 AC OF THAT PART OF L 131 KDYD      SHULUS CATTLE CO LTD                     IRR                50.00 AF Apr 01 Jul 31
                           LYING S OF CPR R/W PLAN 400           RR 1 COMP 1 SITE 17
                                                                 MERRITT BC
                                                                 V0K2B0

           Nicola River                        WR92.I.016.2.3        H     W   REDIVERSION AT G 9.J.016.2.3 BEVAN SLOUG                                        21A NIC - LOWER NICOLA
               Bevan Slough                    WR92.I.016.2.3        G     T   REDIVERSION FROM H 92.J.016.2.3 NICOLA R

1978/11/22 Z103199 0364906 L B OF L 138 KDYD PLAN 9423           WIEBE GEORGE & MARY                      IRR                 1.00 AF Apr 01 Sep 30                                         APP APPLIC-CLEARED
                                                                 GD
                                                                 LOWER NICOLA BC
                                                                 V0K1V0

           Nicola River                        WR92.I.015.2.4        F     W                                                                                   21C NIC - SPENCES BRIDGE
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Priority   Licence File   Appurtenancy                  Licensee                 PUC        Quantity/Units  Term   Term  Licence Comments          Process Status
YYYY/MM/DD Number  Number                                                                                   Start  End

           Source                          WR Map        POD  RED POD Comments                                        Prec
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1979/03/05 Z103196 0365276 PART OF SEC 1 TP 14 R 23 W6M  WILLIAMS JOHN H          IRR           120.00 AF Apr 01 Sep 30                           APP APPLIC-CLEARED
                                                         DUNCAN LOIS A
                                                         BOX 1037
                                                         MERRITT BC
                                                         V0K2B0

           Nicola River                    WR92.I.015.2.4  C    N                                                     21C NIC - SPENCES BRIDGE

1979/03/26 Z103145 0365350 L 32 OF L 126 KDYD PLAN 747   MCCALLUM F L             IRR             2.00 AF Apr 01 Sep 30                           APP APPLIC-CLEARED
                                                         BOX 13
                                                         MERRITT BC
                                                         V0K2B0

           Nicola River                    WR92.I.017.1.1.3  C    N                                                   21B NIC - MERRITT

1979/06/22 Z103146 0365832 L 536 KDYD                    NEALE BROS RANCH         IRR           100.00 AF Apr 01 Sep 30                           APP APPLIC-CLEARED
                                                         BOX 1060
                                                         MERRITT BC
                                                         V0K2B0

           Nicola River                    WR92.I.016.2.2  H    N                                                     21B NIC - MERRITT

1980/03/19 Z103099 0366054 L 153 KDYD                    POZZOBON MARINO          IRR           200.00 AF Apr 01 Sep 30                           APP APPLIC-CLEARED
                                                         GD
                                                         LOWER NICOLA BC
                                                         V0K1Y0

           Nicola River                    WR92.I.016.1.3  T    N                                                     21A NIC - LOWER NICOLA

1981/03/27 Z103147 0368191 N 1/2 OF L 158 KDYD           GAVELIN BETT A           IRR            50.00 AF Apr 01 Sep 30                           APP APPLIC-CLEARED
                                                         BOX 4110
                                                         LOWER NICOLA BC
                                                         V0K1Y0

           Nicola River                    WR92.I.016.1.4  D    N                                                     21B NIC - MERRITT
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Priority   Licence File    Appurtenancy                          Licensee                                 PUC          Quantity/Units  Term   Term Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                                                              Start  End

           Source                              WR Map               POD   RED POD Comments                                                                    Prec
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1981/09/29 Z103107 0369300 DL 1790 & DL 4662 KDYD                MILLER F D & L A                         IRR                600.00 AF Apr 01 Sep 30                                         APP APPLIC-CLEARED
                                                                 PO BOX 2669
                                                                 MERRITT BC
                                                                 V0K2B0

           Nicola River                        WR92.I.016.1.4        S     N                                                                                  21A NIC - LOWER NICOLA

1983/07/14 C064716 0370764 CONSERVATION PROJECT OF LICENSEE      FISHERIES & OCEANS CANADA                STONP           10,000.00 AF Jan 01 Dec 31 STOR IN NICOLA LK
                           IN THE NICOLA R                       400 - 555 W HASTINGS ST                  CONUS               60.00 CS Jan 01 Dec 31 PROTECTION OF FISH
                                                                 VANCOUVER BC
                                                                 V6B5G3

           Nicola River                        WR92.I.017.4.1        N     N                                                                                  21A NIC - LOWER NICOLA

1983/07/14 C064717 3000362 LICENCE IS APPURTENANT TO THE         WATER RIGHTS BRANCH                      STONP           31,634.00 AF Jan 01 Dec 31 STOR IN NICOLA LK
                           LICENSEES UNDERTAKING                 1259 DALHOUSIE DR
                           WITHIN THE NICOLA R WATERSHED &       KAMLOOPS BC
                           THE LANDS UPON WHICH THE WATER        V2C5Z5
                           IS TO BE USED SHALL BE SET OUT IN
                           LICENCES TO BE ISSUED

           Nicola River                        WR92.I.017.4.1        N     N                                                                                  21A NIC - LOWER NICOLA

1987/05/22 Z103149 3001061 E 1/2 OF L 158 KDYD SHOWN ON PLAN B23 GAVELIN SETT A                           IRR                160.00 AF Apr 01 Sep 30                                         APP APPLIC-CLEARED
                           3                                     BOX 4110
                                                                 LOWER NICOLA BC
                                                                 V0K1Y0

           Nicola River                        WR92.I.016.1.4        Q     N                                                                                  21B NIC - MERRITT

1987/06/12 Z103406 3001073 PCL A PLAN B1430 DL 132 KDYD BL 1 PLA ROBINSON ROBIN W STEPHEN J & STEWART D   IRR                400.00 AF Apr 01 Sep 30                                         APP APPLIC-CLEARED
                           N 3558                                14220 HALE RD
                                                                 PIT MEADOWS BC
                                                                 V0M1P0

           Nicola River                        WR92.I.016.1.4        N     N                                                                                  21A NIC - LOWER NICOLA
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Priority   Licence File    Appurtenancy                       Licensee                     PUC        Quantity/Units  Term   Term  Licence Comments                  Process Status
YYYY/MM/DD Number  Number                                                                                             Start  End

           Source                         WR Map           POD  RED POD Comments                                                 Prec
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1988/02/08 Z103198 3001171 BLK A OF SEC 35 TP 15 R 24 W6M KDYD  SABA DOUGLAS M             IRR             30.00 AF Apr 01 Sep 30                                   APP APPLIC-CLEARED
                                                                BOX 294
                                                                SAVONA BC
                                                                V0K2J0

           Nicola River                   WR92.I.035.1.1    C   N
                                                                                                                         21C NIC - SPENCES BRIDGE

1989/03/27 Z103408 3001026 WITHIN THE CONSERV PROJ OF LICENSEE I FISHERIES BRANCH          CONST          100.00 CS Apr 01 Jun 15                                   APP APPLIC-CLEARED
                           N NICOLA R CL                        1259 DALHOUSIE DR
                                                                KAMLOOPS BC
                                                                V2C5Z5

           Nicola River                   WR92.I.017.4.1    H   N
                                                                                                                         21B NIC - MERRITT

1989/09/11 Z103120 3001526 L A OF L 137 KDYD PLAN 22069         DAVIS ROBERT G & INGRID N  IRR              1.95 AF Apr 01 Sep 30                                   APP APPLIC-CLEARED
                                                                BOX 1596                   STORP            4.50 AF Jan 01 Dec 31
                                                                MERRITT B C
                                                                V0K2B0

           Nicola River                   WR92.I.016.1.3    U   N
                                                                                                                         21A NIC - LOWER NICOLA

1990/08/01 Z103118 3001790 CONSERVATION PROJECT WITHION NICOLA R FISHERIES BRANCH          CONST        15,000.00 AF Oct 15 Jun 15                                  APP APPLIC-CLEARED
                           IVER FROM NICOLA LAKE TO COLDWATER CO 1259 DALHOUSIE DR
                           NFLUENCE                             KAMLOOPS BC
                                                                V2C5Z5

           Nicola River                   WR92.I.017.4.1    H   N
                                                                                                                         21A NIC - LOWER NICOLA

1994/04/29 Z108321 3002707 UNDERTAKING OF LICENSEE WITHIN LOTS 1 FISHERIES & OCEANS CANADA CONMX            5.50 AN Jan 01 Dec 31                                   APP APPLIC-CLEARED
                           7 & 18 OF DL 136 KDYD PLAN 928       400 - 555 W HASTINGS ST
                                                                VANCOUVER BC
                                                                V6B5G3

           Nicola River                   WR92.I.016.1.3    X   N
                                                                                                                         21B NIC - MERRITT
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Priority   Licence File    Appurtenancy                       Licensee                       PUC        Quantity/Units  Term   Term  Licence Comments          Process Status
YYYY/MM/DD Number  Number                                                                                            Start  End

           Source                          WR Map              POD  RED POD Comments                                                   Prec
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1994/12/05 Z109169 3002818 LOT C IN NICOLA MAMEET IR 1       LOWER NICOLA INDIAN BAND       DOM           500.00 GD Jan 01 Dec 31                            APP APPLIC-CLEARED
                                                              981-695-7223
                                                              PO BOX 188
                                                              MERRITT BC
                                                              V0K2B0

           Nicola River                    WR92.I.016.2.3       Q     N                                                             21B NIC - MERRITT

1995/06/07 Z109745 3002919 SW1/4 SEC 30 TP 93 & SE1/4 SEC 25 TP  DUCKS UNLIMITED (CANADA)   CONST           8.00 AM Jan 01 Dec 31                            APP APPLIC-CLEARED
                           91 PLAN B1343 & NE1/4 SEC 24 TP 91    954A LAVAL CRES
                                                              KAMLOOPS BC
                                                              V2C5P5

           Nicola River                    WR92.I.017.4.1       F     N                                                             21B NIC - MERRITT

1995/06/07 Z109746 3002920 DL 192 KDYD                        DUCKS UNLIMITED (CANADA)       CONST          16.00 AM Jan 01 Dec 31                            APP APPLIC-CLEARED
                                                              954A LAVAL CRES
                                                              KAMLOOPS BC
                                                              V2C5P5

           Nicola River                    WR92.I.017.4.1       F     Y   SEE SKETCH FOR DIVERSION POINT FOR SUPPLY DITCH         21B NIC - MERRITT

     ------------ Total of 95 Licences Reported ------------
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Stream Register Report      Water Licence Information System
_______________________________________________________________

    Report Requested By   : KBABCOCK
    Date Report Requested : 1995/11/03 11:32
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                START POINT      : N012022 - Edgar Creek right of Nuaitch Creek
                END POINT        : N012021 - Nuaitch Creek left of Nicola River
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Stream Register Report                                                                          Water Licence Information System                                                                     DATE: 1995/11/03
                                                                                                                                                                                                     TIME: 11:32
                                                                                                                                                                                                     PAGE: 001

Priority   Licence File   Appurtenancy                                     Licensee                                  PUC           Quantity/Units  Term   Term  Licence Comments                         Process Status
YYYY/MM/DD Number  Number                                                                                                                          Start  End

           Source                               WR Map               POD   RED POD Comments                                                                  Prec
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
1888/09/26 C007610 0241036 508 AC NOOAITCH IR LOWER NICOLA         NOOAITCH INDIAN BAND                      DOM              7,500.00 GD Jan 01 Dec 31
                           #10 KDYD                                  981-699-7260                              IRR              1,270.00 AF Apr 01 Sep 30
                                                                     BAG 6000
                                                                     MERRITT BC
                                                                     V0K2B0

           Nuaitch Creek                        WR97.I.015.4.1        B    N                                                                                 21C NIC - SPENCES BRIDGE
               Nuaitch Creek                    WR92.I.015.4.1        A    N
               Billy Creek                      WR92.I.025.1.4        G    N
               Billy Creek                      WR92.I.025.1.4        F    N
               Nicola River                     WR92.I.025.2.1        A    N

      ------------ Total of 1 Licence Reported ------------
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Stream Register Report     Water Licence Information System
_______________________________________________________________

   Report Requested By    : EBABCOCK
   Date Report Requested : 1995/11/02 10:39
   Report Sorted By       : Source Gazetted - Priority Date - Licence Number
   Selection Criteria
               START POINT      : P053345 - 92.I.016.2.4 B
               END POINT        : S012747 - Parry Spring
```

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Stream Register Report                                        Water Licence Information System                                        DATE: 1995/11/02
                                                                                                                                      TIME: 10:39
                                                                                                                                      PAGE: 001

Priority   Licence File    Appurtenancy                    Licensee                  PUC         Quantity/Units  Term   Term  Licence Comments            Process Status
YYYY/MM/DD Number  Number                                                                                         Start  End

           Source                          WR Map           POD   RED POD Comments                                             Prec
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------
1923/06/21 F011228 0047910 31 AC OF SLY PART OF IR 01      LOWER NICOLA INDIAN BAND  IRR          62.00 AF Apr 01 Sep 30                            AND UNDER AMENDMENT
                           NICOLA LK MAMEET KDYD           981-695-7223
                                                           PO BOX 188
                                                           MERRITT BC
                                                           V0K2B0

           Perry Spring                    WR92.I.016.2.4   B     H                                                            21A NIC - LOWER NICOLA

    ------------ Total of 1 Licence Reported ------------
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Stream Register Report      Water Licence Information System
_________________________________________________________________

    Report Requested By   : KBABCOCK
    Date Report Requested : 1995/11/02 11:13
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                START POINT      : PD53478 - 92.I.016.1.3 R
                END POINT        : 00575 - Pony Creek left of Nicola River
```

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Stream Register Report                                        Water Licence Information System                                                      DATE: 1995/11/03
                                                                                                                                                    TIME: 11:13
                                                                                                                                                    PAGE: 001

Priority   Licence File    Appurtenancy                      Licensee                           PUC         Quantity/Units  Term   Term  Licence Comments              Process Status
YYYY/MM/DD Number  Number                                                                                                   Start  End

           Source                          WR Map            POD   RED POD Comments                                                      Prec
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1889/05/02 F009153 0241036 42 AC OF ELY PORTION OF IR #8     LOWER NICOLA INDIAN BAND           DOM           1,000.00 GD Jan 01 Dec 31
                           SPIUS KDYD                        981-695-7230                       IRR              63.00 AF Apr 01 Sep 30
                                                             RR 1 COMP 18 SITE 17
                                                             MERRITT BC
                                                             V0K2B0

           Pony Creek                      WR92.I.016.1.1      H     N                                                                   21B NIC - MERRITT

1906/03/09 F066900 0034308 17.3 AC OF L 1610 KDYD EXC PLAN 23855 SOLECKI JONATHAN D & CYNTHIA W    IRR              35.00 AF Apr 01 Sep 30
                           & 33470                           BOX 4220
                                                             LOWER NICOLA B C
                                                             V0K1Y0

           Pony Creek                      WR92.I.016.1.1      K     N                                                                   21B NIC - MERRITT

      ------------ Total of 2 Licences Reported ------------
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Stream Register Report      Water Licence Information System
_________________________________________________________________

    Report Requested By    : KBABCOCK
    Date Report Requested : 1995/11/02 09:23
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                 START POINT       : PD53423 - 92.I.007 T
                 END POINT         : SO654 - Pye Creek left of Godey Creek
```

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Stream Register Report                                    Water Licence Information System                                           DATE: 1995/11/02
                                                                                                                                      TIME: 09:23
                                                                                                                                      PAGE: 001

Priority   Licence File    Apportenancy                      Licensee                     PUC         Quantity/Units  Term   Term  Licence Comments              Process Status
YYYY/MM/DD Number  Number                                                                                             Start  End

         Source                      WR Map             POD   RED POD Comments                                                  Prac
------------------------------------------------------------------------------------------------------------------------------------------------------------

1936/10/27 C013102 0126702 STOR FOR F 9072 SPANISH CR &      LOWER NICOLA INDIAN BAND     STOMP          30.00 AF Oct 01 Jun 15 STOR IN CREEK
                           GODEY CR                          981-695-7224
                                                             RR 1 COMP 18 SITE 17
                                                             MERRITT BC
                                                             V0K2B0

         Pye Creek                   WR92.I.007           T     N                                                           21B NIC - MERRITT

     ------------ Total of 1 Licence Reported ------------
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Stream Register Report      Water Licence Information System
____________________________________________________________

    Report Requested By    : EBABCOCK
    Date Report Requested  : 1995/11/01 16:04
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                 START POINT      : N012179 - Tommy Lake on Quilchena Creek
                 END POINT        : N012059 - Quilchena Creek left of Nicola Lake
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Stream Register Report                                  Water Licence Information System                                      DATE: 1995/11/01
                                                                                                                              TIME: 16:04
                                                                                                                              PAGE: 001

Priority   Licence File    Appurtenancy                Licensee                   PUC       Quantity/Units  Term   Term  Licence Comments                          Process Status
YYYY/MM/DD Number  Number                                                                                   Start  End

       Source                         WR Map             POD   RED POD Comments                                                 Prec
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------
1868/06/29 F004057 0241689 100 AC OF NLY 160 AC PARCEL QUILCHENA CATTLE CO LTD    DOM          500.00 GD Jan 01 Dec 31 STOR AT F 44731 WASLEY CR, C 44686
                           OF L 189 KDYD               GD                         IRR          200.00 AF Apr 01 Sep 30 QUILCHENA CR & F 44075 POTHOLE CR
                                                       QUILCHENA BC
                                                       V0K2R0

       Quilchena Creek                WR92.I.018          D    N                                                        21D NIC - UPPER NICOLA

1871/10/14 F005901 0241690 144.7 AC OF L 108 KDYD      HUBER MARGARET I           DOM          500.00 GD Jan 01 Dec 31 STOR AT F 44641 WASLEY CR, C 44642      AND UNDER AMENDMENT
                                                       GD                         IRR          290.00 AF Apr 01 Sep 30 QUILCHENA CR & F 44074 POTHOLE CR
                                                       QUILCHENA BC
                                                       V0K2R0

       Quilchena Creek                WR92.I.018          D    N                                                        21D NIC - UPPER NICOLA

1878/08/10 F004059 0241691 185 AC OF L 112 KDYD        QUILCHENA CATTLE CO LTD    DOM          500.00 GD Jan 01 Dec 31 STOR AT F 44731 WASLEY CR, C 44686
                                                       GD                         IRR          370.00 AF Apr 01 Sep 30 QUILCHENA CR & F 44075 POTHOLE CR
                                                       QUILCHENA BC
                                                       V0K2R0

       Quilchena Creek                WR92.I.018          G    N                                                        21D NIC - UPPER NICOLA
          Quilchena Creek             WR93.I.019          F    N

1889/05/02 F009805 0241027 30 AC OF IR #2 QUILCHENA KDYD UPPER NICOLA INDIAN BAND DOM          500.00 GD Jan 01 Dec 31
                                                       981-697-7249               IRR           75.00 AF Apr 01 Sep 30
                                                       BOX 37
                                                       MERRITT BC
                                                       V0K2R0

       Quilchena Creek                WR92.I.018          B    N                                                        21D NIC - UPPER NICOLA
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Stream Register Report                                            Water Licence Information System                                  DATE: 1995/11/01
                                                                                                                                    TIME: 16:04
                                                                                                                                    PAGE: 002

Priority   Licence File    Appurtenancy                          Licensee                        PUC         Quantity/Units  Term   Term  Licence Comments                    Process Status
YYYY/MM/DD Number  Number                                                                                                    Start  End

        Source                               WR Map           POD   RED POD Comments                                                 Prec
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1889/05/02 F010921 0241029 108.6 AC OF IR #7 HAMILTON CR         LOWER NICOLA INDIAN BAND          IRR           217.20 AF Apr 01 Sep 30
                           KDYD                                  981-695-7229
                                                                 RR 1 COMP 18 SITE 17
                                                                 MERRITT BC
                                                                 V0K2B0

        Quilchena Creek                      WR92.I.008         G    N                                                           21D NIC - UPPER NICOLA
           Quilchena Creek                   WR92.I.008         H    N
           Quilchena Creek                   WR92.I.008         F    N
           Quilchena Creek                   WR92.I.008         E    N
           Quilchena Creek                   WR92.I.008         D    N
           Quilchena Creek                   WR92.I.008         C    N
           Quilchena Creek                   WR92.I.008         B    N
           Quilchena Creek                   WR92.I.008         A    N

1891/03/06 F004058 0241692 122 AC OF L 110 KDYD                  QUILCHENA CATTLE CO LTD           DOM        5,000.00 GD Jan 01 Dec 31 STOR AT F 44731 WASLEY CR, C 44686
                                                                 GD                                IRR          244.00 AF Apr 01 Sep 30 QUILCHENA CR & F 44075 POTHOLE CR
                                                                 QUILCHENA BC
                                                                 V0E2R0

        Quilchena Creek                      WR92.I.018         J    N                                                           21D NIC - UPPER NICOLA
           Quilchena Creek                   WR92.I.018         B    N

1895/09/23 F004060 0241693 189 AC OF L 206, 425 & 613 & OF       QUILCHENA CATTLE CO LTD           DOM        2,000.00 GD Jan 01 Dec 31 STOR AT F 44731 WASLEY CR & F 44075
                           SLY 215 AC PARCEL OF L 189 KDYD       GD                                IRR          378.00 AF Apr 01 Sep 30 POTHOLE CR
                                                                 QUILCHENA BC
                                                                 V0E2R0

        Quilchena Creek                      WR92.I.018         B    N                                                           21D NIC - UPPER NICOLA
           Quilchena Creek                   WR92.I.018         E    N
           Quilchena Creek                   WR92.I.018         G    N
           Quilchena Creek                   WR92.I.018         F    N
           Quilchena Creek                   WR92.I.018         D    N
           Quilchena Creek                   WR92.I.018         J    N
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Stream Register Report                                                  Water Licence Information System                                                 DATE: 1995/11/01
                                                                                                                                                         TIME: 16:04
                                                                                                                                                         PAGE: 003

Priority   Licence File   Appurtenancy                     Licensee                      PUC      Quantity/Units  Term   Term  Licence Comments           Process Status
YYYY/MM/DD Number  Number                                                                                         Start  End

        Source                         WR Map              POD   RED POD Comments                                          Prec
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1920/06/15 F044640 0320517 16.5 AC OF L 100 KDYD           HUBER MARGARET I              IRR          33.00 AF Apr 01 Sep 30 STOR AT F 44641 WASLEY CR & C 44642      AND UNDER AMENDMENT
                                                           GD                                                            QUILCHENA CR
                                                           QUILCHENA BC
                                                           V0E2R0

        Quilchena Creek                WR92.I.010            D     N                                                       21D NIC - UPPER NICOLA

1920/06/15 F044730 0001915 145.4 AC OF L 613,206,112,109,  QUILCHENA CATTLE CO LTD       IRR         290.00 AF Apr 01 Sep 30 STOR AT C 44606 QUILCHENA CR
                           110.211 & 210 KDYD              GD
                                                           QUILCHENA BC
                                                           V0E2R0

        Quilchena Creek                WR92.I.010            B     N                                                       21D NIC - UPPER NICOLA
            Quilchena Creek            WR92.I.010            H     N
            Quilchena Creek            WR92.I.010            G     N
            Quilchena Creek            WR92.I.010            F     N
            Quilchena Creek            WR92.I.010            D     N
            Quilchena Creek            WR92.I.010            C     N

1986/04/14 C066876 3000904 THE CONS PROJECT OF THE APPLICANT   DUCKS UNLIMITED (CANADA)  CONST        90.00 AF Oct 01 Jun 15 WATERFOWL HABITAT ENHANCEMENT
                           WITHIN L 487, 488 UCL KDYD          954A LAVAL CRES                                           STOR IN TOMMY LK
                                                               KAMLOOPS BC
                                                               V2C5P5

        Quilchena Creek                WR92.H.090            C     N                                                       21D NIC - UPPER NICOLA

1986/04/14 C066877 3000904 L 487, 488 & 447 KDYD               DUCKS UNLIMITED (CANADA)  IRR         257.00 AF Apr 01 Sep 30 STOR IN TOMMY LK
                                                               954A LAVAL CRES           STORP       257.00 AF Oct 01 Jun 15
                                                               KAMLOOPS BC
                                                               V2C5P5

        Quilchena Creek                WR92.H.090            C     N                                                       21D NIC - UPPER NICOLA

     ------------ Total of 11 Licences Reported ------------
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Stream Register Report      Water Licence Information System
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    Report Requested By   : KBABCOCK
    Date Report Requested : 1995/11/03 11:30
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                START POINT      : PD53214 - 92.I.017 M
                END POINT        : S012563 - Shuta Creek right of Clapperton Creek
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Stream Register Report                                   Water Licence Information System                                      DATE: 1995/11/03
                                                                                                                               TIME: 11:30
                                                                                                                               PAGE: 001

Priority   Licence File   Appurtenancy                   Licensee                    PUC      Quantity/Units  Term  Term  Licence Comments                  Process Status
YYYY/MM/DD Number  Number                                                                                     Start End

           Source                       WR Map           POD  RED POD Comments                                                  Prec
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1889/05/02 F009002 3002617 90 AC OF NLY PORTION OF IR 01 LOWER NICOLA INDIAN BAND    DOM      1,000.00 GD Jan 01 Dec 31 INCIDENTAL DOMESTIC
                           IONT XDYD                     981-695-7226                IRR        270.00 AF Apr 01 Sep 30
                                                         RR 1 COMP 18 SITE 17
                                                         MERRITT BC
                                                         V0K2B0

           Shuta Creek                  WR92.I.017        N    N                                                                21A NIC - LOWER NICOLA
               Shuta Creek              WR92.I.017        P    N
               Shuta Creek              WR92.I.017        M    N

1934/01/18 C013194 0125377 SEE FILE                      COQUIHALLA DEVELOPMENTS CORP IRR     5,000.00 AF Apr 01 Sep 30 STOR AT C 56518 CLAPPERTON, CONANT, KENT
                                                         BOX 4000                                                       CLARE, MABEL, SHEEP & FOX CRS
                                                         MERRITT BC
                                                         V0K2B0

           Shuta Creek                  WR92.I.017        J    N                                                                21A NIC - LOWER NICOLA
               Clapperton Creek         WR92.I.017        L    N
               Clapperton Creek         WR92.I.017        K    N
               Clapperton Creek         WR92.I.017.4.1    B    N
               Clapperton Creek         WR92.I.017.4.1    A    N

    ------------ Total of 2 Licences Reported ------------
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Stream Register Report     Water Licence Information System
_____________________________________________________________

    Report Requested By   : KBABCOCK
    Date Report Requested : 1995/11/02 10:50
    Report Sorted By      : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
              START POINT      : MO12549 - Sophia Lake on Steffens Creek
              END POINT        : SO12418 - Steffens Creek left of Quichon Creek
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Stream Register Report                                                                          Water Licence Information System
                                                                                                                                                                                                     DATE: 1995/11/02
                                                                                                                                                                                                     TIME: 10:50
                                                                                                                                                                                                     PAGE: 001

Priority   Licence File    Appurtenancy                                  Licensee                                 PUC           Quantity/Units  Term   Term  Licence Comments                        Process Status
YYYY/MM/DD Number  Number                                                                                                                       Start  End

           Source                              WR Map               POD   RED POD Comments
                                                                                                                                                              Prec
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1906/07/20 P005620 0241672 80 AC OF L 2263 KDYD                  STEFFENS BROS RANCH LTD                  DOM                500.00 GD Jan 01 Dec 31 INCIDENTAL DOMESTIC                     AND UNDER AMENDMENT
                                                                 SITE 12 COMP 2 RR 1                      IRR                200.50 AF Apr 01 Sep 30 STOR AT F 5629 STEFFENS CR
                                                                 MERRITT BC
                                                                 V0K2B0

           Steffens Creek                      WR92.I.027.3.1       A     N                                                                                   21A NIC - LOWER NICOLA

1920/10/11 P005629 0025984 STOR FOR F 5620 STEFFENS CR           STEFFENS BROS RANCH LTD                  STONP              100.00 AF Oct 01 Jun 15 STOR IN SOPHIA LK                       AND UNDER AMENDMENT
                                                                 SITE 12 COMP 2 RR 1
                                                                 MERRITT BC
                                                                 V0K2B0

           Steffens Creek                      WR92.I.037           E     N                                                                                   21A NIC - LOWER NICOLA

1923/06/21 C068635 0047920 NLY PORTION OF IR NO 1 NICOLA MAMEET  LOWER NICOLA INDIAN BAND                 IRR                 76.25 AF Apr 01 Sep 30
                                                                 981-695-7223
                                                                 PO BOX 188
                                                                 MERRITT BC
                                                                 V0K2B0

           Steffens Creek                      WR92.I.026.2.4       A     N                                                                                   21A NIC - LOWER NICOLA

1926/10/15 P007425 0057985 40 AC OF L 2263 KDYD                  STEFFENS BROS RANCH LTD                  IRR                100.00 AF Apr 01 Sep 30 STOR AT F 7426 REVELLE LK               AND UNDER AMENDMENT
                                                                 SITE 12 COMP 2 RR 1
                                                                 MERRITT BC
                                                                 V0K2B0

           Steffens Creek                      WR92.I.027.3.1       A     Y   REDIVERSION FROM U 92I/7E(B) REVELLE LK                                         21A NIC - LOWER NICOLA
               Revelle Lake                    WR92.I.027           V     N   REDIVERSION AT A 92.I.027.3.1 STEFFENS C

1936/04/30 P011801 0116517 23 AC OF L 2007 KDYD                  SAM DENNIS                               IRR                 57.50 AF Apr 01 Sep 30 STOR AT F 11802 SAMSON CR
                                                                 SITE 10 COMP 1 RR 1                                                                 STOR AT C068405 HECTOR CREEK
                                                                 MERRITT BC
                                                                 V0K2B0

           Steffens Creek                      WR92.I.026.2.4       B     Y   REDIVERSION FROM A 92I/2E(G) SAMSON CR                                          21A NIC - LOWER NICOLA
               Samson Creek                    WR92.I.027           J     N   REDIVERSION AT B 92.I.026.2.4 STEFFANS  CR
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Priority   Licence File    Appurtenancy                   Licensee                       PUC        Quantity/Units  Term   Term  Licence Comments              Process Status
YYYY/MM/DD Number  Number                                                                                           Start  End

           Source                      WR Map              POD   RED POD Comments                                              Prec
--------------------------------------------------------------------------------------------------------------------------------------------------------------------
1989/07/20 C068484 3001495 L 2007 KDYD                     SAM DENNIS                     IRR          40.00 AF Apr 01 Sep 30 STORAGE IN CREEK
                                                           SITE 18 COMP 1 RR 1            STONP        40.00 AF Oct 01 Jun 15
                                                           MERRITT BC
                                                           V0K2B0

           Steffens Creek              WR92.I.026.2.4       B     Y   REDIVERSION FROM L 921/2W(P) HECTOR CREEK                    21A NIC - LOWER NICOLA
              Hector Creek             WR92.I.027           T     N   REDIVERSION AT B 92.I.026.2.4 STEFFENS CREEK

1989/07/20 C068634 3001496 NICOLA MAMEET INDIAN RESERVE NO 1   LOWER NICOLA INDIAN BAND   IRR         295.00 AF Apr 01 Sep 30
                           KDYD                            981-695-7223                   STONP       295.00 AF Oct 01 Jun 15
                                                           PO BOX 188
                                                           MERRITT BC
                                                           V0K2B0

           Steffens Creek              WR92.I.026.2.4       A     Y                                                                21A NIC - LOWER NICOLA
              Hector Creek             WR92.I.027           T     N

     ------------ Total of 7 Licences Reported ------------
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Stream Register Report      Water Licence Information System
________________________________________________________________

    Report Requested By    : KBABCOCK
    Date Report Requested : 1995/11/02 11:16
    Report Sorted By       : Source Gazetted - Priority Date - Licence Number
    Selection Criteria
                  START POINT       : PD53195 - 92.I.016.1.1 A
                  END POINT         : S0703 - Waterfall Creek right of Spius Creek
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Stream Register Report                                                     Water Licence Information System                                                  DATE: 1995/11/02
                                                                                                                                                             TIME: 11:16
                                                                                                                                                             PAGE: 001

Priority   Licence File    Appurtenancy                   Licensee                        PUC         Quantity/Units  Term   Term  Licence Comments             Process Status
YYYY/MM/DD Number  Number                                                                                             Start  End

         Source                        WR Map             POD   RED POD Comments                                                     Prec
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

1889/05/02 F009154 0261034 42 AC OF ELY PORTION OF IR #8  LOWER NICOLA INDIAN BAND        DOM            1,000.00 GD Jan 01 Dec 31
                           SPIUS KDYD                     981-695-7230                    IRR               63.00 AF Apr 01 Sep 30
                                                          RR 1 COMP 18 SITE 17
                                                          MERRITT BC
                                                          V0K2B0

         Waterfall Creek               WR92.I.016.1.1       A     N                                                                  21B NIC - MERRITT

    ------------ Total of 1 Licence Reported ------------
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## CHARLESON CREEK AT THE MOUTH - STATION NO. 08KG004

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 975 | 1.34 AT 12:00 PST ON MAY 05 | 1.33 ON MAY 05 | 0.099B ON JAN 09 | 8 790 | 1975 |
| 76 | 5.35 AT 05:19 PST ON MAY 02 | 4.02 ON APR 13 | 0.150B ON FEB 29 | 24 000 | 1976 |
| 77 | --- | --- | --- | --- | 1977 |
| 78 | 2.52 AT 11:45 PST ON MAY 01 | 2.36 ON APR 23 | 0.113B ON NOV 21 | 13 500 | 1978 |
| 1979 | 5.75 AT 18:00 PST ON MAY 06 * | 4.38 ON MAY 07 * | 0.067 ON OCT 07 | 11 300 | 1979 |
| 1980 | 0.723 AT 12:00 PST ON JUN 30 | 0.703 ON JUN 29 | 0.054B ON JAN 04 * | 8 360 | 1980 |
| 1982 | --- | 2.11 E ON MAY 10 | 0.098B ON MAR 05 | 12 900 | 1982 |
| | B - ICE CONDITIONS<br>E - ESTIMATED | * - EXTREME RECORDED FOR THE PERIOD OF RECORD | | 13 100 | MEAN |

---

## CHARTRAND CREEK DIVERSION TO TUNKWA LAKE - STATION NO. 08LG024

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1924 | --- | --- | --- | 0 | 0.178 | --- | --- | --- | --- | --- | --- | --- | --- | 1924 |
| 1925 | --- | --- | --- | --- | 0.276 | 0.034 | 0 | 0 | 0 | --- | --- | --- | --- | 1925 |
| 1926 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | 1926 |
| 1927 | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | 1927 |
| 1928 | --- | --- | --- | 0 | 0.786 | 0.059 | 0.007 | 0 | 0 | --- | --- | --- | --- | 1928 |
| 1929 | --- | --- | --- | 0 | 0 | 0.008 | 0 | 0 | 0 | --- | --- | --- | --- | 1929 |
| 1930 | --- | --- | --- | 0 | 0 | 0.103 | 0.001 | 0 | 0 | --- | --- | --- | --- | 1930 |
| MEAN | --- | --- | --- | 0 | 0.177 | 0.034 | 0.001 | 0 | 0 | --- | --- | --- | --- | MEAN |

LOCATION - LAT 50 36 00 N
LONG 120 51 30 W REGULATED

## CHARTRAND CREEK DIVERSION TO TUNKWA LAKE - STATION NO. 08LG024

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1924 | --- | 0.623 ON MAY 11 | 0 ON APR 01 * | --- | 1924 |
| 1925 | --- | 0.821 ON MAY 08 | 0 ON JUN 21 | --- | 1925 |
| 1926 | --- | 0 ON APR 01 | 0 ON APR 01 | --- | 1926 |
| 1927 | --- | 0 ON APR 01 | 0 ON APR 01 | --- | 1927 |
| 1928 | --- | 2.86 ON MAY 10 * | 0 ON APR 01 | --- | 1928 |
| 1929 | --- | 0.034 ON JUN 11 | 0 ON APR 01 | --- | 1929 |
| 30 | --- | 0.249 ON JUN 06 | 0 ON APR 01 | --- | 1930 |
| | | * - EXTREME RECORDED FOR THE PERIOD OF RECORD | | --- | MEAN |

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## CHARTRAND CREEK NEAR MAMETTE LAKE POST OFFICE - STATION NO. 08LG001

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1912 | --- | --- | --- | --- | --- | 0.090 | 0.038 | 0.035 | 0.025 | --- | --- | --- | --- | 1912 |
| 1920 | --- | --- | --- | --- | --- | --- | 0.036 | 0.015 | 0.020 | --- | --- | --- | --- | 1920 |
| 1921 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1921 |
| 1922 | --- | --- | --- | 0.006 | 0.016 | 0.047 | 0.040 | 0.036 | 0.010 | --- | --- | --- | --- | 1922 |
| MEAN | --- | --- | --- | 0.006 | 0.016 | 0.069 | 0.038 | 0.029 | 0.018 | --- | --- | --- | --- | MEAN |

LOCATION - LAT 50 29 21 N DRAINAGE AREA, 64.8 km²
LONG 120 49 24 W NATURAL FLOW

## CHARTRAND CREEK NEAR MAMETTE LAKE POST OFFICE - STATION NO. 08LG001

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1912 | --- | 2.32 ON MAY 15 * | 0.008 ON SEP 01 | --- | 1912 |
| 1920 | --- | --- | 0.011 ON AUG 06 | --- | 1920 |
| 1921 | --- | 0.396 ON JUN 06 | 0.011 ON MAY 16 | --- | 1921 |
| 1922 | --- | 0.065 ON JUN 14 | 0 ON APR 01 * | --- | 1922 |
| | | * - EXTREME RECORDED FOR THE PERIOD OF RECORD | | --- | MEAN |

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## CLAPPERTON CREEK NEAR NICOLA - STATION NO. 08LG015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | --- | --- | --- | 0.028 | 0.517 | 0.397 | 0.306 | 0.061 | 0.030 | --- | --- | --- | --- | 1920 |
| 1921 | --- | --- | --- | 0.143 | 3.76 | 0.601 | 0.177 | --- | --- | --- | --- | --- | --- | 1921 |
| MEAN | --- | --- | --- | 0.086 | 2.14 | 0.499 | 0.242 | 0.061 | 0.030 | --- | --- | --- | --- | MEAN |

LOCATION - LAT 50 09 50 N DRAINAGE AREA, 181 km²
LONG 120 40 09 W NATURAL FLOW

## CLAPPERTON CREEK NEAR NICOLA - STATION NO. 08LG015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1920 | --- | 0.963 ON MAY 15 | 0.006 ON SEP 09 * | --- | 1920 |
| 1921 | --- | 7.82 ON MAY 23 * | 0.057 ON APR 01 | --- | 1921 |
| | | | | --- | MEAN |

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

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## CLARK CREEK NEAR PAVILION - STATION NO. 08MD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1927 | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | --- | --- | --- | --- | 1927 |
| MEAN | --- | --- | --- | --- | --- | --- | 0 | 0 | 0 | --- | --- | --- | --- | MEAN |

LOCATION - LAT 50 55 14 N DRAINAGE AREA, 5.18 km²
LONG 121 45 44 W NATURAL FLOW

## CLARK CREEK NEAR PAVILION - STATION NO. 08MD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1927 | --- | --- | --- | --- | 1927 |
| | | | | --- | MEAN |

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## CLARK CREEK NEAR WINFIELD - STATION NO. 08NM146

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1968 | --- | --- | --- | --- | --- | 0.210 | 0.032 | 0.012 | 0.016 | 0.014 | 0.016 | 0.013 | --- | 1968 |
| 1969 | 0.007 | 0.008 | 0.012 | 0.322 | 0.659 | 0.046 | 0.016 | 0.002 | 0.002 | 0.004 | 0.012 | 0.007 | 0.092 | 1969 |
| 1970 | 0.003 | 0.002 | 0.002 | 0.012 | 0.190 | 0.032 | 0.002 | 0.001 | 0.001 | 0.001 | 0 | 0.001 | 0.021 | 1970 |
| 1971 | 0.001 | 0.002 | 0.011 | 0.075 | 0.380 | 0.233 | 0.067 | 0.005 | 0.003 | 0.002 | 0.006 | 0.006 | 0.066 | 1971 |
| 1972 | 0.004 | 0.004 | 0.020 | 0.068 | 0.625 | 0.163 | 0.057 | 0.007 | 0.006 | 0.006 | 0.007 | 0.004 | 0.082 | 1972 |
| 1973 | 0.001 | 0.001 | 0.005 | 0.058 | 0.191 | 0.044 | 0.007 | 0.001 | 0.001 | 0.006 | 0.007 | 0.007 | 0.028 | 1973 |
| 1974 | 0.012 | 0.027 | 0.087 | 0.309 | 0.982 | 0.175 | 0.030 | 0.007 | 0.001 | 0.001 | 0.001 | 0.001 | 0.137 | 1974 |
| 1975 | 0.002 | 0.001 | 0.003 | 0.042 | 0.511 | 0.258 | 0.020 | 0.002 | 0.001 | 0.001 | 0.003 | 0.005 | 0.071 | 1975 |
| 1976 | 0.004 | 0.004 | 0.004 | 0.075 | 0.561 | 0.212 | 0.055 | 0.219 | 0.107 | 0.033 | 0.020 | 0.011 | 0.109 | 1976 |
| 1977 | 0.008 | 0.010 | 0.009 | 0.134 | 0.291 | 0.082 | 0.007 | 0.001 | 0.001 | 0.001 | 0.002 | 0.001 | 0.046 | 1977 |
| 1978 | 0.001 | 0.002 | 0.012 | 0.167 | 0.607 | 0.143 | 0.017 | 0.004 | 0.030 | 0.016 | 0.014 | 0.006 | 0.086 | 1978 |
| 1979 | 0.003 | 0.004 | 0.006 | 0.083 | 0.619 | 0.054 | 0.008 | 0.003 | 0.002 | 0.002 | 0.001 | 0.002 | 0.067 | 1979 |
| 1980 | 0.001 | 0.001 | 0.004 | 0.132 | 0.122 | 0.178 | 0.070 | 0.011 | 0.019 | 0.008 | 0.010 | 0.010 | 0.047 | 1980 |
| 1981 | 0.026 | 0.019 | 0.034 | 0.157 | 0.736 | 0.213 | 0.110 | 0.015 | 0.010 | 0.023 | 0.024 | 0.017 | 0.116 | 1981 |
| 1982 | 0.008 | 0.010 | 0.015 | 0.063 | 0.786 | 0.147 | 0.368 | 0.033 | 0.023 | 0.030 | 0.023 | 0.022 | 0.129 | 1982 |
| MEAN | 0.006 | 0.007 | 0.016 | 0.121 | 0.519 | 0.146 | 0.058 | 0.022 | 0.015 | 0.010 | 0.010 | 0.008 | 0.078 | MEAN |

LOCATION - LAT 50 03 10 N DRAINAGE AREA, 15.3 km²
LONG 119 19 50 W NATURAL FLOW

## GUICHON CREEK AT OUTLET OF MAMIT LAKE - STATION NO. 08LG041

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | --- | --- | --- | --- | 1.98 | 1.70 | 0.515 | 0.134 | 0.057 | --- | --- | --- | --- | 1936 |
| 1937 | --- | --- | --- | --- | 5.30 | 5.19 | 1.08 | 0.383 | 0.198 | --- | --- | --- | --- | 1937 |
| 1938 | --- | --- | --- | 1.34 | 4.91 | 2.09 | 0.698 | 0.421 | 0.302 | --- | --- | --- | --- | 1938 |
| .939 | --- | --- | --- | 0.334 | 0.679 | 2.64 | 2.82 | 0.503 | 0.281 | --- | --- | --- | --- | 1939 |
| 1940 | --- | --- | --- | 0.359 | 3.27 | 1.78 | 0.759 | 0.605 | 0.161 | --- | --- | --- | --- | 1940 |
| 1941 | --- | --- | --- | --- | 0.520 | 0.402 | 0.328 | 0.226 | --- | --- | --- | --- | --- | 1941 |
| 1942 | --- | --- | --- | 0.898 | 4.89 | 8.02 | 2.42 | 0.964 | 0.479 | --- | --- | --- | --- | 1942 |
| 1943 | --- | --- | --- | --- | --- | 3.06 | 1.74 | 0.475 | --- | --- | --- | --- | --- | 1943 |
| 1944 | --- | --- | --- | --- | --- | 6.46 | 1.99 | 0.758 | 0.534 | --- | --- | --- | --- | 1944 |
| 1982 | 0.423 | 0.395 | 0.404 | 0.451 | 5.44 | 4.35 | 3.34 | 0.895 | 0.538 | 0.522 | 0.543 | 0.451 | 1.49 | 1982 |
| 1983 | 0.426 | 0.401 | 0.513 | 1.30 | 6.44 | 1.73 | 0.900 | 0.773 | 0.263 | 0.081 | 0.136 | 0.221 | 1.11 | 1983 |
| 1984 | 0.172 | 0.153 | 0.142 | 0.530 | 1.38 | 5.21 | 1.23 | 0.529 | 0.182 | 0.132 | 0.127 | 0.127 | 0.823 | 1984 |
| 1985 | 0.114 | 0.104 | 0.104 | 0.158 | 1.86 | 2.12 | 0.451 | 0.566 | 0.258 | --- | --- | --- | --- | 1985 |
| 1986 | --- | --- | --- | --- | --- | 1.35 | 0.936 | 1.37 | 0.936 | 0.574 | 0.045 | 0.001 | --- | 1986 |
| 1987 | 0.028 | 0.096 | 0.085 | 0.111 | 0.756 | 0.507 | 0.526 | 0.638 | 0.331 | 0.012 | 0.032 | 0.024 | 0.264 | 1987 |
| 1988 | 0.025 | 0.015 | 0.014 | 0.018 | 0.231 | 0.606 | 0.501 | 0.491 | 0.416 | 0.160 | 0.064 | 0.037 | 0.215 | 1988 |
| 1989 | 0.041 | 0.029 | 0.026 | 0.175 | 0.490 | 0.325 | 1.02 | 0.485 | 0.182 | 0.056 | 0.042 | 0.061 | 0.246 | 1989 |
| 1990 | 0.084 | 0.093 | 0.090 | 0 | 0.240 | 4.58 | 2.25 | 0.939 | 0.834 | 0.593 | 0.098 | 0.002 | 0.817 | 1990 |
| MEAN | 0.164 | 0.161 | 0.172 | 0.473 | 2.56 | 2.90 | 1.31 | 0.620 | 0.372 | 0.266 | 0.136 | 0.116 | 0.709 | MEAN |

LOCATION - LAT 50 21 45 N    DRAINAGE AREA, 842 km²
LONG 120 48 32 W    REGULATED

## GUICHON CREEK AT OUTLET OF MAMIT LAKE - STATION NO. 08LG041

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1936 | --- | 2.86 ON JUN 13 | 0.045 ON SEP 10 | --- | 1936 |
| 1937 | --- | 10.1 ON MAY 31 | 0.034 ON SEP 19 | --- | 1937 |
| 1938 | --- | 5.55 ON MAY 18 | 0.170 ON JUL 31 | --- | 1938 |
| 1939 | --- | 8.18 ON JUN 27 | 0.085 ON APR 22 | --- | 1939 |
| 1940 | --- | 4.39 ON MAY 14 | 0.057 ON APR 01 | --- | 1940 |
| 1941 | --- | 1.14 ON MAY 23 | 0.040 ON APR 17 | --- | 1941 |
| 1942 | --- | 12.2 ON JUN 04 | 0.074E ON APR 01 | --- | 1942 |
| 1943 | --- | 5.49 ON JUN 02 | 0.345 ON AUG 28 | --- | 1943 |
| 1944 | --- | 14.1 E ON MAY 28 * | 0.399 ON SEP 14 | --- | 1944 |
| 1982 | --- | 10.1 ON MAY 25 | 0.388 ON FEB 10 | 47 000 | 1982 |
| 1983 | --- | 7.97 ON MAY 10 | 0.032 ON NOV 04 | 34 900 | 1983 |
| 1984 | --- | 9.57 ON JUN 14 | 0.117 ON NOV 23 | 26 000 | 1984 |
| 1985 | --- | 4.02 ON JUN 03 | --- | --- | 1985 |
| 1986 | 3.53 AT 10:32 PST ON JUN 02 | 2.99 ON JUN 03 | --- | --- | 1986 |
| 1987 | 0.933 AT 03:41 PST ON MAY 09 | 0.922 ON MAY 09 | 0 A ON OCT 15 * | 8 320 | 1987 |
| 1988 | 2.20 AT 19:24 PST ON JUN 03 | 1.75 ON JUN 04 | 0.009B ON FEB 02 | 6 810 | 1988 |
| 1989 | 2.03 AT 15:26 PST ON JUL 12 | 1.74 ON JUL 13 | 0 ON SEP 23 | 7 770 | 1989 |
| 1990 | 6.58 AT 16:26 PST ON JUN 18 * | 6.47 ON JUN 16 | 0 E ON MAR 30 | 25 800 | 1990 |
| | | | | 22 400 | MEAN |

A - MANUAL GAUGE    B - ICE CONDITIONS    * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)    E - ESTIMATED

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## GUICHON CREEK AT THE MOUTH - STATION NO. 08LG067

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1984 | --- | --- | --- | --- | 1.28 | 6.11 | 0.996 | 0.096 | 0.016 | 0.022 | 0.027 | 0.039 | --- | 1984 |
| 1985 | 0.029 | 0.023 | 0.035 | 0.161 | 1.44 | 1.85 | 0.113 | 0.146 | 0.167 | 0.057 | 0.052 | 0.086 | 0.347 | 1985 |
| 1986 | 0.307 | 0.239 | 0.225 | 0.019 | 0.332 | 0.593 | 0.324 | 0.744 | 0.594 | 0.571 | 0.062 | 0.068 | 0.341 | 1986 |
| 1987 | 0.080 | 0.117 | 0.188 | 0.133 | 0.508 | 0.076 | 0.022 | 0.056 | 0.082 | 0.014 | 0.014 | 0.017 | 0.109 | 1987 |
| 1988 | 0.014 | 0.022 | 0.019 | 0.046 | 0.210 | 0.141 | 0.097 | 0.061 | 0.132 | 0.066 | 0.051 | 0.034 | 0.074 | 1988 |
| 1989 | 0.030 | 0.030 | 0.102 | 0.065 | 0.071 | 0.045 | 0.253 | 0.145 | 0.157 | 0.047 | 0.034 | 0.032 | 0.085 | 1989 |
| 1990 | 0.041 | 0.041 | 0.042 | 0.060 | 0.437 | 7.00 | 2.83 | 0.608 | 0.686 | 0.598 | 0.256 | 0.122 | 1.06 | 1990 |
| MEAN | 0.084 | 0.079 | 0.102 | 0.081 | 0.611 | 2.26 | 0.662 | 0.265 | 0.262 | 0.196 | 0.071 | 0.057 | 0.336 | MEAN |

LOCATION - LAT 50 08 49 N
LONG 120 52 47 W    REGULATED

## GUICHON CREEK AT THE MOUTH - STATION NO. 08LG067

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1984 | --- | 11.0 ON JUN 10 * | --- | --- | 1984 |
| 1985 | --- | 3.72 ON JUN 04 | 0.005 ON JUL 31 | 11 000 | 1985 |
| 1986 | --- | 2.06 ON JUN 03 | 0.011 ON MAY 18 | 10 700 | 1986 |
| 1987 | --- | 0.886 ON MAY 11 | 0.009 ON AUG 10 | 3 440 | 1987 |
| 1988 | --- | 0.703 ON JUN 04 | 0.006B ON FEB 01 | 2 350 | 1988 |
| 1989 | --- | 0.546 ON JUL 18 | 0.016B ON FEB 02 | 2 680 | 1989 |
| 1990 | --- | 10.7 ON JUN 16 | 0.004 ON MAY 10 * | 33 400 | 1990 |
| | | | | 10 600 | MEAN |

B - ICE CONDITIONS    * - EXTREME RECORDED FOR THE PERIOD OF RECORD

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## NICOLA RIVER NEAR SPENCES BRIDGE - STATION NO. 08LG006

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1911 | --- | --- | --- | --- | --- | --- | --- | 15.4 | 9.50 | 5.64 | 6.44 | --- | --- | 1911 |
| 1912 | --- | --- | --- | --- | 93.1 | 65.8 | 22.6 | 11.1 | --- | 6.92 | 8.68 | --- | --- | 1912 |
| 1913 | --- | --- | --- | --- | --- | 103 | 36.9 | 11.4 | 17.1 | 12.6 | 12.4 | --- | --- | 1913 |
| 1914 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1914 |
| 1915 | --- | --- | --- | 56.1 | 62.3 | 42.7 | 23.8 | 10.6 | 6.05 | --- | --- | --- | --- | 1915 |
| 1916 | --- | --- | --- | 46.7 | 136 | 161 | 71.0 | 19.5 | 7.92 | 7.16 | 4.75 | 3.52 | --- | 1916 |
| 1917 | --- | --- | --- | 7.49 | 67.2 | 130 | 49.5 | 9.33 | 4.60 | 4.76 | 9.23 | --- | --- | 1917 |
| 1918 | --- | --- | --- | 34.1 | 87.0 | 92.9 | 24.2 | 6.62 | 4.08 | --- | --- | --- | --- | 1918 |
| 1919 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3.53 | 2.83 | 2.83 | --- | 1919 |
| 1920 | 4.25 | 5.66 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1920 |
| 1957 | --- | --- | --- | --- | --- | --- | --- | 7.48 | 4.97 | 4.53 | 5.58 | 6.73 | --- | 1957 |
| 1958 | 7.59 | 8.30 | 10.8 | 23.4 | 121 | 49.7 | 11.3 | 3.69 | 4.13 | 7.91 | 11.5 | 18.0 | 23.2 | 1958 |
| 1959 | 14.4 | 9.55 | 10.8 | 29.3 | 109 | 136 | 42.6 | 9.06 | 9.48 | 19.0 | 21.0 | 16.5 | 35.6 | 1959 |
| 1960 | --- | --- | --- | 44.1 | 72.7 | 76.9 | 19.6 | 5.54 | 4.55 | 7.91 | 6.89 | 4.81 | --- | 1960 |
| 1961 | 5.54 | 14.6 | 11.5 | 30.2 | 108 | 99.1 | 18.3 | 5.20 | 4.93 | 11.5 | 7.60 | 4.31 | 26.8 | 1961 |
| 1962 | 8.96 | 16.1 | 8.13 | 31.2 | 67.1 | 84.0 | 28.2 | 9.76 | 7.51 | --- | --- | --- | --- | 1962 |
| 1963 | --- | 32.2 | 16.7 | 22.7 | 70.2 | 53.2 | 20.5 | 9.33 | 5.28 | 10.6 | 22.9 | 19.0 | --- | 1963 |
| 1964 | 15.6 | 11.8 | 10.3 | 20.5 | 73.6 | 147 | 54.8 | 13.2 | 13.6 | 15.8 | 12.3 | 9.54 | 33.1 | 1964 |
| 1965 | 7.53 | 11.3 | 12.9 | 30.7 | 92.0 | 86.5 | 20.8 | 8.21 | 4.36 | 5.76 | 19.2 | 8.81 | 25.7 | 1965 |
| 1966 | 6.23 | 4.64 | 8.58 | 36.1 | 80.3 | 78.9 | 31.9 | 9.90 | 4.70 | 9.23 | 9.27 | 15.6 | 24.7 | 1966 |
| 1967 | 10.2 | 10.0 | 8.66 | 12.1 | 87.2 | 132 | 27.4 | 7.01 | 3.58 | 8.87 | 21.1 | 11.6 | 28.3 | 1967 |
| 1968 | 25.0 | 23.5 | 32.3 | 22.2 | 112 | 137 | 44.5 | 10.2 | 8.50 | 10.7 | 12.8 | 8.63 | 37.3 | 1968 |
| 1969 | 7.70 | 13.6 | 13.0 | 30.1 | 139 | 72.3 | 22.4 | 7.10 | 7.27 | 10.2 | 10.6 | 7.45 | 28.5 | 1969 |
| 1970 | 4.38 | 4.77 | 7.65 | 13.1 | 70.8 | 72.6 | 11.2 | 3.89 | 3.76 | 4.01 | 4.26 | 2.36 | 16.9 | 1970 |
| 1971 | 6.36 | 11.5 | 9.94 | 24.7 | 188 | 131 | 53.5 | 10.0 | 5.42 | 6.53 | 6.62 | 4.67 | 38.4 | 1971 |
| 1972 | 3.61 | 6.13 | 32.9 | 34.2 | 167 | 192 | 69.6 | 15.5 | 6.69 | 7.12 | 7.95 | 4.98 | 45.7 | 1972 |
| 1973 | 5.23 | 6.79 | 6.18 | 12.0 | 62.2 | 47.8 | 14.4 | 4.05 | 2.87 | 6.43 | 6.20 | 6.03 | 15.1 | 1973 |
| 1974 | 8.95 | 10.1 | 15.4 | 45.0 | 142 | 213 | 74.5 | 16.6 | 5.81 | 5.26 | 5.54 | 5.58 | 45.7 | 1974 |
| 1975 | 4.66 | 4.17 | 5.88 | 14.1 | 104 | 163 | 46.5 | 8.64 | 5.33 | 9.34 | 30.9 | 21.2 | 34.8 | 1975 |
| 1976 | 14.1 | 12.0 | 8.42 | 19.1 | 101 | 93.0 | 54.1 | 25.1 | 19.5 | 7.25 | 7.48 | 7.50 | 30.8 | 1976 |
| 1977 | 5.96 | 9.74 | 7.38 | 22.2 | 47.8 | 42.1 | 9.60 | 4.33 | 3.49 | 4.72 | 10.3 | 9.06 | 14.7 | 1977 |
| 1978 | 5.61 | 4.75 | 14.5 | 37.3 | 99.4 | 106 | 22.4 | 5.07 | 7.87 | 7.34 | 12.8 | 5.46 | 27.4 | 1978 |
| 1979 | 5.82 | 6.66 | 9.50 | 13.8 | 63.9 | 40.8 | 9.89 | 3.25 | 3.43 | 3.59 | 3.31 | 15.2 | 15.0 | 1979 |
| 1980 | 5.64 | 6.03 | 9.29 | 36.9 | 77.1 | 61.1 | 16.1 | 5.98 | 7.61 | 6.83 | 12.4 | 39.6 | 23.7 | 1980 |
| 1981 | 23.0 | 15.5 | 14.2 | 24.2 | 86.7 | 65.6 | 33.6 | 10.3 | 6.00 | 10.1 | 12.9 | 8.58 | 25.9 | 1981 |
| 1982 | 7.69 | 9.01 | 10.0 | 13.7 | 69.3 | 121 | 51.1 | 13.8 | 7.50 | 9.00 | 7.81 | 7.62 | 29.0 | 1982 |
| 1983 | 9.74 | 10.5 | 16.9 | 33.7 | 118 | 69.8 | 24.0 | 7.52 | 7.29 | 7.00 | 14.0 | 6.66 | 27.2 | 1983 |
| 1984 | 27.0 | 9.85 | 11.0 | 15.7 | 36.3 | 106 | 28.3 | 6.66 | 5.35 | 7.07 | 5.88 | 4.43 | 21.9 | 1984 |
| 1985 | 3.99 | 5.12 | 5.80 | 25.6 | 82.7 | 64.9 | 10.9 | 3.14 | 3.90 | 7.41 | 6.15 | 2.45 | 18.5 | 1985 |
| 1986 | 5.71 | 11.8 | 27.7 | 28.5 | 73.8 | 74.1 | 19.1 | 10.4 | 7.29 | 7.68 | 8.35 | 6.60 | 23.4 | 1986 |
| 1987 | 8.68 | 7.67 | 17.4 | 37.9 | 92.3 | 38.7 | 10.0 | 4.01 | 3.54 | 3.16 | 3.33 | 2.75 | 19.2 | 1987 |
| 1988 | 1.92 | 2.95 | 4.34 | 30.1 | 59.1 | 41.9 | 12.1 | 4.34 | 4.17 | 7.60 | 12.6 | 6.46 | 15.6 | 1988 |
| 1989 | 5.93 | 6.10 | 7.35 | 30.1 | 77.2 | 60.9 | 14.2 | 10.2 | 7.70 | 9.21 | 21.5 | 19.6 | 22.6 | 1989 |
| 1990 | 8.57 | 5.53 | 8.61 | 42.5 | 59.9 | 96.6 | 29.3 | 6.97 | 6.40 | 16.8 | 53.6 | 17.7 | 29.3 | 1990 |
| MEAN | 8.92 | 9.94 | 12.3 | 27.9 | 91.5 | 93.6 | 30.4 | 9.01 | 6.58 | 8.10 | 11.8 | 9.77 | 26.8 | MEAN |

LOCATION - LAT 50 19 47 N DRAINAGE AREA, 7 280 km²
LONG 121 13 32 W REGULATED

## NICOLA RIVER NEAR SPENCES BRIDGE - STATION NO. 08LG006

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1911 | --- | --- | --- | --- | 1911 |
| 1912 | --- | 131 ON MAY 22 | --- | --- | 1912 |
| 1913 | --- | 152 ON MAY 27 | --- | --- | 1913 |
| 1914 | --- | 219 ON MAY 14 | --- | --- | 1914 |
| 1915 | --- | 93.4 ON APR 20 | --- | --- | 191 |
| 1916 | --- | 228 ON JUN 13 | 3.11E ON DEC 24 | --- | 191 |
| 1917 | --- | 210 ON JUN 09 | --- | --- | 1917 |
| 1918 | --- | 159 ON JUN 10 | 3.11 ON SEP 21 | --- | 1918 |
| 1919 | --- | 255 ON MAY 26 | 2.83E ON NOV 01 | --- | 1919 |
| 1920 | --- | 94.6 ON JUN 16 | --- | --- | 1920 |
| 1957 | --- | --- | --- | --- | 1957 |
| 1958 | --- | 175 ON MAY 09 | 2.72 ON SEP 15 | 733 000 | 1958 |
| 1959 | --- | 223 ON JUN 03 | 4.70 ON SEP 04 | 1 120 000 | 1959 |
| 1960 | --- | 165 ON JUN 03 | 2.80B ON DEC 06 | --- | 1960 |
| 1961 | --- | 201 ON JUN 04 | 2.44B ON JAN 23 | 844 000 | 1961 |
| 1962 | --- | 155 ON MAY 26 | --- | --- | 1962 |
| 1963 | --- | 162 ON NOV 27 | 4.11 ON OCT 04 | --- | 1963 |
| 1964 | --- | 195 ON JUN 09 | 3.40 ON DEC 17 | 1 050 000 | 1964 |
| 1965 | --- | 167 ON MAY 28 | 3.23E ON OCT 01 | 810 000 | 1965 |
| 1966 | --- | 131 ON MAY 09 | 3.28 ON SEP 10 | 778 000 | 1966 |
| 1967 | --- | 199 ON JUN 03 | 3.26 ON SEP 20 | 893 000 | 1967 |
| 1968 | --- | 197 ON JUN 01 | 3.60 ON DEC 21 | 1 180 000 | 1968 |
| 1969 | --- | 214 ON MAY 14 | 4.11B ON JAN 29 | 900 000 | 1969 |
| 1970 | --- | 168 ON MAY 26 | 1.98B ON DEC 21 | 534 000 | 1970 |
| 1971 | --- | 337 ON MAY 13 * | 2.07B ON JAN 01 | 1 210 000 | 1971 |
| 1972 | --- | 323 ON MAY 31 | 2.83B ON JAN 26 | 1 440 000 | 1972 |
| 1973 | --- | 160 ON MAY 18 | 2.66 ON SEP 17 | 475 000 | 1973 |
| 1974 | --- | 320 ON JUN 17 | 2.72 ON JAN 01 | 1 440 000 | 1974 |
| 1975 | --- | 266 ON JUN 02 | 3.40B ON JAN 13 | 1 100 000 | 1975 |
| 1976 | --- | 180 ON MAY 10 | 5.72 ON MAR 03 | 973 000 | 1976 |
| 1977 | 94.3 AT 07:27 PST ON JUN 08 | 88.3 ON JUN 07 | 2.35 ON SEP 15 | 464 000 | 1977 |
| 1978 | 226 AT 05:29 PST ON JUN 06 | 208 ON JUN 05 | 3.68B ON FEB 17 | 864 000 | 1978 |
| 1979 | 90.7 AT 03:31 PST ON MAY 25 | 87.3 ON MAY 26 | 2.55B ON NOV 11 | 473 000 | 1979 |
| 1980 | 305 AT 10:48 PST ON DEC 27 * | 236 ON DEC 27 | 2.41B ON JAN 08 | 751 000 | 1980 |
| 1981 | 144 AT 03:10 PST ON MAY 25 | 141 ON MAY 25 | 4.60 ON SEP 19 | 818 000 | 1981 |
| 1982 | 201 AT 19:19 PST ON MAY 25 | 175 ON MAY 25 | 3.00B ON JAN 05 | 915 000 | 1982 |
| 1983 | --- | 186 E ON MAY 30 | 5.51B ON DEC 26 | 858 000 | 1983 |
| 1984 | 231 AT 05:40 PST ON JAN 05 | 177 ON JUN 15 | 3.00B ON DEC 30 | 693 000 | 1984 |
| 1985 | 182 AT 02:15 PST ON MAY 20 | 168 ON MAY 19 | 1.64B ON NOV 27 | 585 000 | 1985 |
| 1986 | 226 AT 08:42 PST ON MAY 27 | 217 ON MAY 27 | 2.70B ON JAN 01 | 739 000 | 1986 |
| 1987 | 180 AT 15:00 PST ON MAY 12 | 169 ON MAY 12 | 1.60B ON DEC 31 | 605 000 | 1987 |
| 1988 | 159 AT 11:54 PST ON MAY 13 | 149 ON MAY 13 | 1.00B ON JAN 06 * | 494 000 | 1988 |
| 1989 | 154 AT 07:33 PST ON MAY 07 | 147 ON MAY 07 | 3.90B ON JAN 08 | 712 000 | 1989 |
| 1990 | 251 AT 10:48 PST ON NOV 11 | 226 ON NOV 11 | 4.00B ON FEB 01 | 925 000 | 1990 |
| | | | | 846 000 | MEAN |

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

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## NICOLUM CREEK NEAR HOPE - STATION NO. 08MF012

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1915 | 0.799 | 0.597 | 0.804 | 2.44 | 2.59 | 1.95 | 1.27 | 0.681 | 0.491 | 1.89 | --- | --- | --- | 1915 |
| 1916 | --- | --- | --- | --- | --- | --- | 6.32 | 2.78 | 1.04 | 0.664 | 1.14 | 0.633 | --- | 1916 |
| 1917 | 0.553 | 0.908 | 0.516 | 1.14 | 6.54 | 9.37 | 5.34 | --- | 0.789 | 1.17 | 1.21 | --- | --- | 1917 |
| 1918 | --- | --- | --- | --- | --- | --- | 3.72 | 1.24 | 0.630 | 1.14 | 1.49 | 3.92 | --- | 1918 |
| 1919 | 1.45 | 1.15 | 1.24 | 2.32 | 5.29 | 8.33 | 6.14 | 2.61 | 0.902 | 0.535 | 4.75 | --- | --- | 1919 |
| 1920 | --- | --- | --- | 1.73 | 6.40 | --- | 6.76 | 1.87 | 2.51 | 4.85 | 1.93 | 1.55 | --- | 1920 |
| 1921 | 1.99 | 3.77 | 2.31 | 2.19 | 5.44 | 8.39 | 3.89 | 1.61 | 1.79 | --- | --- | --- | --- | 1921 |
| MEAN | 1.20 | 1.61 | 1.22 | 1.96 | 5.25 | 7.01 | 4.78 | 1.80 | 1.16 | 1.71 | 2.10 | 2.03 | --- | MEAN |

LOCATION - LAT 49 20 03 N
LONG 121 17 49 W

DRAINAGE AREA, 77.7 km²
NATURAL FLOW

## NICOLUM CREEK NEAR HOPE - STATION NO. 08MF012

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1915 | --- | 4.76 ON OCT 30 | 0.425E ON FEB 12 | --- | 1915 |
| 1916 | --- | 15.5 ON JUN 18 | --- | --- | 1916 |
| 1917 | --- | 13.9 ON MAY 28 | 0.481 ON JAN 01 | --- | 1917 |
| 1918 | --- | 15.4 ON JUN 11 | 0.340 ON AUG 28 | --- | 1918 |
| 1919 | --- | 11.8 ON JUN 20 | 0.311 ON OCT 26 * | --- | 1919 |
| 1920 | --- | 10.9 ON MAY 15 | --- | --- | 1920 |
| 1921 | --- | 19.8 ON FEB 09 * | --- | --- | 1921 |
| | | | | --- | MEAN |

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

## QUILCHENA CREEK AT QUILCHENA - STATION NO. 08LG017

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE $(m^3/s)$ | MAXIMUM DAILY DISCHARGE $(m^3/s)$ | MINIMUM DAILY DISCHARGE $(m^3/s)$ | TOTAL DISCHARGE $(dam^3)$ | YEAR |
|---|---|---|---|---|---|
| 1933 | --- | 7.39 ON JUN 08 | 0.042 ON AUG 19 | --- | 1933 |
| 1965 | --- | --- | --- | --- | 1965 |
| 1966 | --- | 3.40 ON MAY 15 | 0.048 ON SEP 09 | --- | 1966 |
| 1967 | --- | 14.2 ON JUN 06 | 0.051 ON SEP 21 | --- | 1967 |
| 1968 | --- | 18.1 ON JUN 11 * | 0.054 ON AUG 20 | --- | 1968 |
| 1969 | --- | 7.67 ON MAY 17 | 0.034 ON AUG 29 | --- | 1969 |
| 1970 | --- | 1.36 ON MAY 31 | 0 ON JUL 17 * | --- | 1970 |
| 1971 | --- | 9.34 ON JUN 06 | 0.004 ON AUG 18 | --- | 1971 |
| 1972 | --- | 16.9 ON JUN 01 | 0.085 ON SEP 11 | --- | 1972 |
| 1973 | --- | 3.20 ON MAY 21 | 0.001 ON AUG 15 | --- | 1973 |
| 1974 | --- | 10.8 E ON JUN 18 | 0.099 ON JUL 30 | --- | 1974 |
| 1975 | --- | --- | --- | --- | 1975 |
|  | E - ESTIMATED | * - EXTREME RECORDED FOR THE PERIOD OF RECORD |  | --- | MEAN |

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## QUINN CREEK NEAR CASTLEDALE - STATION NO. 08NA028

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | --- | --- | --- | --- | --- | 0.100 | 0.027 | 0.012 | 0.010 | --- | --- | --- | --- | 1930 |
| 1931 | --- | --- | --- | --- | --- | --- | 0.022 | 0.008 | 0.008 | --- | --- | --- | --- | 1931 |
| MEAN | --- | --- | --- | --- | --- | 0.100 | 0.025 | 0.010 | 0.009 | --- | --- | --- | --- | MEAN |

LOCATION - LAT 51 02 32 N DRAINAGE AREA, 6.48 km$^2$
LONG 116 32 26 W NATURAL FLOW

## QUINN CREEK NEAR CASTLEDALE - STATION NO. 08NA028

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE $(m^3/s)$ | MAXIMUM DAILY DISCHARGE $(m^3/s)$ | MINIMUM DAILY DISCHARGE $(m^3/s)$ | TOTAL DISCHARGE $(dam^3)$ | YEAR |
|---|---|---|---|---|---|
| 1930 | --- | 0.210 ON MAY 31 * | --- | --- | 1930 |
| 1931 | --- | 0.139 ON JUN 18 | --- | --- | 1931 |
|  |  | * - EXTREME RECORDED FOR THE PERIOD OF RECORD |  | --- | MEAN |

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## QUINSAM RIVER NEAR CAMPBELL RIVER - STATION NO. 08HD005

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1956 | --- | --- | --- | --- | --- | --- | --- | 1.63 | 1.33 | 9.83 | 12.8 | 17.8 | --- | 1956 |
| 1957 | 7.54 | 6.40 | 15.2 | 11.9 | 6.31 | 2.85 | 2.85 | 3.95 | 2.76 | 2.49 | 4.34 | 14.5 | 6.78 | 1957 |
| 1958 | 21.1 | 23.1 | 8.77 | 8.65 | 5.41 | 3.17 | 1.89 | 1.64 | 2.04 | 8.92 | 7.07 | 21.6 | 9.38 | 1958 |
| 1959 | 20.9 | 7.96 | 10.6 | 7.72 | 9.51 | 6.99 | 3.85 | 1.73 | 2.37 | 4.62 | 8.91 | 14.5 | 8.33 | 1959 |
| 1960 | 8.82 | 18.1 | 5.71 | 9.79 | 7.09 | 6.91 | 2.58 | 1.83 | 1.82 | 5.32 | 9.73 | 16.6 | 7.82 | 1960 |
| 1961 | 30.3 | 27.8 | 22.3 | 12.5 | 12.3 | 5.95 | 3.23 | 2.04 | 2.39 | 3.45 | 7.03 | 10.3 | 11.6 | 1961 |
| 1962 | 13.7 | 12.8 | 7.64 | 6.53 | 5.72 | 4.07 | 2.62 | 3.80 | 3.05 | 11.1 | 21.0 | 32.5 | 10.4 | 1962 |
| 1963 | 12.3 | 19.2 | 11.1 | 9.54 | 6.99 | 2.73 | 3.16 | 3.35 | 3.00 | 13.9 | 19.9 | 19.7 | 10.4 | 1963 |
| 1964 | 18.0 | 14.3 | 8.33 | 5.22 | 4.16 | 8.08 | 4.54 | 3.16 | 3.07 | 4.29 | 5.97 | 8.55 | 7.29 | 1964 |
| 1965 | 8.39 | 15.5 | 8.08 | 6.98 | 4.28 | 2.87 | 2.37 | 2.19 | 2.11 | 7.58 | 14.6 | 22.1 | 8.04 | 1965 |
| 1966 | 16.2 | 12.4 | 14.4 | 7.52 | 5.10 | 4.11 | 2.87 | 2.33 | 3.08 | 4.47 | 15.8 | 39.2 | 10.6 | 1966 |
| 1967 | 17.2 | 11.5 | 16.0 | 7.19 | 5.90 | 4.35 | 1.88 | 1.72 | 2.80 | 9.82 | 9.11 | 21.7 | 9.11 | 1967 |
| 1968 | 48.5 | 12.4 | 13.5 | 4.91 | 5.46 | 3.36 | 2.46 | 2.27 | 3.99 | 16.8 | 25.2 | 22.3 | 13.5 | 1968 |
| 1969 | 5.78 | 12.3 | 13.9 | 14.9 | 7.38 | 3.69 | 2.27 | 2.20 | 4.18 | 5.00 | 15.4 | 23.0 | 9.14 | 1969 |
| 1970 | 8.66 | 9.52 | 6.43 | 5.07 | 4.29 | 2.89 | 1.60 | 1.88 | 3.22 | 3.36 | 5.09 | 20.6 | 6.04 | 1970 |
| 1971 | 18.7 | 19.8 | 11.6 | 13.0 | 8.83 | 5.40 | 2.37 | 2.50 | 3.84 | 5.80 | 19.9 | 6.48 | 9.77 | 1971 |
| 1972 | 5.01 | 12.1 | 36.4 | 17.4 | 8.49 | 6.82 | 2.16 | 2.66 | 4.42 | 2.81 | 9.10 | 16.0 | 10.3 | 1972 |
| 1973 | 22.4 | 5.92 | 9.74 | 4.20 | 4.35 | 2.91 | 1.75 | 1.18 | 2.46 | 5.34 | 9.20 | 31.0 | 8.43 | 1973 |
| 1974 | 17.3 | 15.1 | 18.4 | 11.2 | 7.27 | 7.90 | 4.82 | 2.34 | 3.30 | 3.89 | 9.22 | 15.3 | 9.64 | 1974 |
| 1975 | 8.57 | 6.24 | 12.7 | 11.1 | 10.7 | 5.17 | 3.00 | 2.46 | 4.51 | 8.65 | 42.6 | 13.0 | 10.7 | 1975 |
| 1976 | 12.2 | 9.70 | 7.17 | 6.61 | 5.58 | 4.68 | 2.46 | 2.09 | 3.59 | 3.75 | 5.27 | 8.67 | 5.97 | 1976 |
| 1977 | 6.05 | 11.2 | 10.5 | 4.67 | 4.19 | 3.30 | 2.03 | 1.73 | 3.69 | 7.11 | 16.7 | 16.5 | 7.28 | 1977 |
| 1978 | 8.22 | 13.4 | 12.3 | 9.89 | 5.30 | 2.88 | 1.47 | 2.19 | 5.16 | 4.61 | 8.44 | 8.13 | 6.78 | 1978 |
| 1979 | 4.32 | 19.1 | 11.8 | 7.69 | 6.22 | 2.20 | 1.82 | 1.68 | 4.77 | 8.09 | 5.83 | 19.1 | 7.65 | 1979 |
| 1980 | 7.80 | 10.6 | 11.4 | 8.12 | 4.38 | 4.17 | 4.49 | 1.89 | 3.76 | 4.61 | 12.2 | 29.9 | 8.61 | 1980 |
| 1981 | 12.7 | 11.0 | 5.43 | 5.74 | 6.69 | 4.82 | 2.74 | 2.14 | 3.75 | 6.52 | 11.8 | 12.8 | 7.15 | 1981 |
| 1982 | 7.66 | 12.9 | 12.4 | 6.67 | 5.27 | 4.03 | 2.04 | 1.85 | 3.36 | 13.1 | 7.38 | 15.9 | 7.69 | 1982 |
| 1983 | 19.2 | 22.5 | 16.5 | 6.38 | 4.45 | 2.99 | 3.15 | 2.11 | 3.64 | 4.57 | 22.6 | 6.09 | 9.42 | 1983 |
| 1984 | 12.3 | 11.3 | 8.56 | 6.32 | 6.59 | 3.78 | 1.92 | 1.93 | 3.47 | 8.02 | 14.2 | 8.51 | 7.22 | 1984 |
| 1985 | 4.63 | 7.02 | 7.62 | 8.27 | 4.68 | 2.50 | 1.54 | 1.55 | 2.79 | 4.32 | 4.87 | 5.35 | 4.58 | 1985 |
| 1986 | 22.1 | 11.1 | 10.2 | 5.94 | 7.32 | 3.36 | 2.49 | 2.54 | 3.38 | 2.95 | 7.46 | 18.8 | 8.15 | 1986 |
| 1987 | 22.5 | 14.4 | 14.5 | 4.71 | 4.27 | 2.82 | 2.08 | 1.96 | 3.28 | 2.93 | 3.92 | 16.5 | 7.81 | 1987 |
| 1988 | 11.6 | 9.56 | 7.30 | 6.61 | 4.52 | 3.49 | 2.46 | 2.28 | 3.47 | 3.40 | 18.2 | 11.8 | 7.04 | 1988 |
| 1989 | 9.06 | 9.23 | 10.3 | 8.47 | 3.90 | 2.83 | 2.60 | 2.51 | 3.29 | 4.44 | 9.34 | 13.3 | 6.59 | 1989 |
| 1990 | 13.7 | 10.3 | 7.66 | 5.29 | 3.58 | 5.86 | 2.31 | 1.61 | 2.47 | 6.77 | 32.4 | 20.3 | 9.33 | 1990 |
| MEAN | 14.2 | 13.1 | 11.9 | 8.14 | 6.07 | 4.23 | 2.58 | 2.20 | 3.25 | 6.36 | 12.9 | 17.1 | 8.49 | MEAN |

LOCATION - LAT 50 01 45 N DRAINAGE AREA, 280 km$^2$
LONG 125 17 55 W REGULATED

## QUESNEL RIVER NEAR QUESNEL - STATION NO. 08KH006

### ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

| YEAR | MAXIMUM INSTANTANEOUS DISCHARGE (m³/s) | MAXIMUM DAILY DISCHARGE (m³/s) | MINIMUM DAILY DISCHARGE (m³/s) | TOTAL DISCHARGE (dam³) | YEAR |
|---|---|---|---|---|---|
| 1939 | --- | 634 ON MAY 19 | --- | --- | 1939 |
| 1940 | --- | 535 ON JUN 16 | --- | --- | 1940 |
| 1941 | --- | 467 ON JUL 03 | --- | --- | 1941 |
| 1942 | --- | 606 ON JUN 09 | 39.9 ON MAR 24 | 5 890 000 | 1942 |
| 1943 | --- | 748 ON JUN 23 | 33.4 ON DEC 31 | --- | 1943 |
| 1944 | --- | 600 ON JUN 03 | --- | --- | 1944 |
| 1945 | --- | 583 ON JUN 10 | --- | --- | 1945 |
| 1946 | --- | 736 ON MAY 29 | 43.9B ON DEC 16 | 5 990 000 | 1946 |
| 1947 | --- | 691 ON JUN 11 | 32.6B ON FEB 26 | 6 680 000 | 1947 |
| 1948 | --- | 1 090 ON MAY 31 | 45.3 ON MAR 25 | 8 750 000 | 1948 |
| 1949 | --- | 631 ON JUN 08 | 41.9B ON MAR 11 | 7 110 000 | 1949 |
| 1950 | --- | 903 ON JUN 22 | 44.5B ON MAR 25 | 6 870 000 | 1950 |
| 1951 | --- | 612 ON MAY 25 | 45.6B ON MAR 08 | 5 910 000 | 1951 |
| 1952 | --- | 691 ON MAY 29 | 39.6B ON FEB 21 | 6 640 000 | 1952 |
| 1953 | --- | 614 ON JUN 10 | 37.7B ON FEB 18 | 6 620 000 | 1953 |
| 1954 | --- | 725 ON JUN 15 | 44.7 ON APR 12 | 7 840 000 | 1954 |
| 1955 | --- | 1 140 ON JUN 29 | 50.4B ON MAR 31 | 7 990 000 | 1955 |
| 1956 | --- | 801 ON JUN 12 | 27.8B ON MAR 20 * | 6 840 000 | 1956 |
| 1957 | --- | 875 ON MAY 22 | --- | --- | 1957 |
| 1958 | --- | 756 ON MAY 31 | 65.4 ON DEC 30 | 6 810 000 | 1958 |
| 1959 | --- | 631 ON JUN 23 | 35.7B ON MAR 29 | 7 700 000 | 1959 |
| 1960 | --- | 875 ON JUL 02 | 52.4 ON MAR 17 | 8 490 000 | 1960 |
| 1961 | --- | 818 ON JUN 08 | 54.1 ON MAR 12 | 6 540 000 | 1961 |
| 1962 | --- | 767 ON JUN 28 | 65.4 ON MAR 28 | 8 810 000 | 1962 |
| 1963 | --- | 657 ON JUN 20 | 76.5 ON DEC 28 | 7 690 000 | 1963 |
| 1964 | --- | 977 ON JUN 19 | 48.7 ON MAR 24 | 8 670 000 | 1964 |
| 1965 | --- | 816 ON JUN 12 | 60.9B ON APR 01 | 7 760 000 | 1965 |
| 1966 | --- | 719 ON JUN 20 | 44.5 ON MAR 20 | 7 520 000 | 1966 |
| 1967 | --- | 1 000 ON JUN 23 | 53.0 ON APR 03 | 8 190 000 | 1967 |
| 1968 | --- | 793 ON JUN 13 | 58.9B ON DEC 31 | 8 730 000 | 1968 |
| 1969 | --- | 561 ON JUN 13 | 38.2B ON MAR 26 | 7 320 000 | 1969 |
| 1970 | --- | 770 ON JUN 07 | 46.4 ON MAR 17 | 6 120 000 | 1970 |
| 1971 | --- | 787 ON JUN 10 | 52.1 ON APR 02 | 7 490 000 | 1971 |
| 1972 | --- | 1 160 ON JUN 13 * | 64.0 ON DEC 23 | 9 040 000 | 1972 |
| 1973 | --- | 813 ON JUN 27 | 45.9 ON MAR 06 | 6 720 000 | 1973 |
| 1974 | --- | 917 ON JUN 24 | 45.9 ON MAR 25 | 7 920 000 | 1974 |
| 1975 | --- | 753 ON JUN 27 | 41.9B ON APR 09 | 7 370 000 | 1975 |
| 1976 | --- | 869 ON JUL 02 | 55.8 ON MAR 04 | 9 680 000 | 1976 |
| 1977 | --- | 665 ON JUN 10 | 68.0B ON DEC 31 | 7 440 000 | 1977 |
| 1978 | --- | 535 ON JUN 14 | 42.5 ON MAR 15 | 6 430 000 | 1978 |
| 1979 | --- | 785 ON JUN 07 | 51.0B ON FEB 25 | 6 370 000 | 1979 |
| 1980 | --- | 540 ON MAY 14 | 32.6B ON FEB 24 | 6 910 000 | 1980 |
| 1981 | --- | 728 ON MAY 28 | 90.0 ON DEC 29 | 7 320 000 | 1981 |
| 1982 | --- | 1 010 ON JUN 21 | 50.4B ON APR 10 | 9 820 000 | 1982 |
| 1983 | --- | 610 ON JUL 15 | 56.4 ON FEB 10 | 6 480 000 | 1983 |
| 1984 | --- | 751 ON JUN 18 | 68.3 ON MAR 11 | 7 680 000 | 1984 |
| 1985 | --- | 1 020 ON JUN 06 | 54.0B ON FEB 09 | 7 740 000 | 1985 |
| 1986 | --- | 935 ON JUN 03 | 45.2B ON FEB 23 | 7 220 000 | 1986 |
| 1987 | --- | 627 ON JUN 15 | 60.0B ON DEC 31 | 6 180 000 | 1987 |
| 1988 | --- | 715 ON MAY 16 | 49.0B ON FEB 11 | 7 000 000 | 1988 |
| 1989 | --- | 683 ON JUN 16 | 51.6B ON MAR 23 | 6 880 000 | 1989 |
| 1990 | --- | 967 ON JUN 14 | 72.8B ON FEB 22 | 8 570 000 | 1990 |
| | | | | 7 420 000 | MEAN |

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

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## QUILCHENA CREEK AT QUILCHENA - STATION NO. 08LG017

### MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

| YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | MEAN | YEAR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1933 | --- | --- | --- | --- | --- | 4.39 | 0.926 | 0.084 | 0.120 | 0.366 | 1.04 | --- | --- | 1933 |
| 1965 | --- | --- | --- | --- | 2.78 | 3.12 | 0.343 | 0.483 | 0.318 | --- | --- | --- | --- | 1965 |
| 1966 | --- | --- | --- | 1.46 | 1.53 | 0.737 | 0.555 | 0.177 | 0.169 | --- | --- | --- | --- | 1966 |
| 1967 | --- | --- | --- | --- | 1.62 | 6.63 | 0.350 | 0.170 | 0.082 | --- | --- | --- | --- | 1967 |
| 1968 | --- | --- | --- | --- | 3.99 | 8.26 | 0.770 | 0.117 | 0.209 | --- | --- | --- | --- | 1968 |
| 1969 | --- | --- | --- | --- | 4.14 | --- | --- | --- | 0.283 | --- | --- | --- | --- | 1969 |
| 1970 | --- | --- | --- | 0.372 | 0.613 | 0.557 | 0.034 | 0.003 | 0.012 | --- | --- | --- | --- | 1970 |
| 1971 | --- | --- | --- | 0.577 | 3.96 | 4.58 | 0.807 | 0.021 | 0.037 | --- | --- | --- | --- | 1971 |
| 1972 | --- | --- | --- | 2.30 | 8.99 | 9.80 | 1.66 | 0.432 | 0.264 | --- | --- | --- | --- | 1972 |
| 1973 | --- | --- | --- | 0.676 | 1.67 | 0.970 | 0.089 | 0.006 | 0.010 | --- | --- | --- | --- | 1973 |
| 1974 | --- | --- | --- | 0.943 | 3.28 | 7.06 | 0.570 | 0.239 | 0.382 | 0.419 | --- | --- | --- | 1974 |
| 1975 | --- | --- | --- | 0.783 | 2.27 | 5.41 | 0.568 | 0.262 | 0.242 | --- | --- | --- | --- | 1975 |
| MEAN | --- | --- | --- | 1.02 | 3.17 | 4.68 | 0.607 | 0.181 | 0.177 | 0.393 | 1.04 | --- | --- | MEAN |

LOCATION - LAT 50 09 15 N DRAINAGE AREA, 787 km²
LONG 120 30 05 W REGULATED

1995/DEC/05 14:28

WELL4600 Production

# MINISTRY OF ENVIRONMENT, LANDS & PARKS

Water Rights Information System

Summary Report (with legal descriptions and old coordinates)

| BCGS Map Area | Well No. | Well Tag No. | Lot No. | Plan No. | Blk No. | TP | SC | RG | D.L. | Z | X | Y | Old Well No. | L.D. | Site Address | Date Constructed (dmy) | Well Depth (ft.) | Well Diam. (in.) | Drill Contr No. | Const. Method | Well Yield | Yld. Unt. | Depth to Water (ft.) | Depth to Bedrk (ft.) | Aquif Litho | Screen Interval (ft.) | G.W. Rpt | Chm Lab |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 092I.007.3.3.4 | 001 | 000000025371 | 11 | 15716 | | | | | 167 | 08 | 12 | 09 | 001 | 26 | PRINCETON HWY & COLD | 01-09-1971 | 265.0 | 8.0 | 057 | UNK | | | 60 | UNK | UNC | | | |
| 092I.007.3.3.4 | 002 | 000000031915 | | | | | | | | 08 | 12 | 09 | 002 | 26 | | 01-01-1975 | 0.0 | 0.0 | UNK | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 003 | 000000031917 | | | | | | | | 08 | 12 | 09 | 003 | 26 | | 01-01-1975 | 30.0 | 0.0 | UNK | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 004 | 000000031916 | | | | | | | | 08 | 12 | 09 | 004 | 26 | | 01-01-1975 | 25.0 | 0.0 | UNK | DUG | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 005 | 000000031913 | | | | | | | | 08 | 12 | 09 | 005 | 26 | | 01-01-1975 | 20.0 | 0.0 | UNK | DUG | | | 4 | UNK | UNC | | | |
| 092I.007.3.3.4 | 006 | 000000031912 | | | | | | | | 08 | 12 | 09 | 008 | 26 | | 01-01-1975 | 14.0 | 0.0 | UNK | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 007 | 000000031911 | | | | | | | | 08 | 12 | 09 | 009 | 26 | COLDWATER RD | 01-01-1975 | 96.0 | 0.0 | 064 | DRI | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 008 | 000000034173 | 1 | 22564 | | 91 | 10 | | 125 | 08 | 12 | 09 | 010 | 26 | COLDWATER RD | 01-01-1976 | 45.0 | 4.0 | 064 | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 009 | 000000034174 | B | 21260 | | 91 | 10 | | 167 | 08 | 12 | 09 | 011 | 26 | | 01-01-1976 | 110.0 | 0.0 | 064 | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 010 | 000000026017 | 21 | 15716 | | 91 | 16 | | 167 | 08 | 12 | 09 | 012 | 26 | WILCOCK AVE | 01-03-1972 | 60.0 | 6.0 | 054 | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 011 | 000000038289 | 17 | 15716 | | 91 | 10 | | 167 | 08 | 12 | 09 | 013 | 26 | PONDEROSA RD | 01-10-1977 | 200.0 | 4.5 | 064 | DRI | 11.0 | GPM | 60 | UNK | UNC | | | |
| 092I.007.3.3.4 | 012 | 000000042014 | 16 | 15716 | | 91 | 10 | | 167 | 08 | 12 | 09 | 014 | 26 | PONDEROSA RD | 01-04-1979 | 175.0 | 4.5 | 064 | DRI | 12.0 | GPM | 50 | UNK | UNC | | | |
| 092I.007.3.3.4 | 013 | 000000041446 | 18 | 15716 | | 91 | 10 | | 167 | 08 | 12 | 09 | 015 | 26 | SUNNYVIEW ST | 01-01-1979 | 160.0 | 4.5 | 064 | DRI | 6.0 | GPM | 50 | UNK | UNC | | | |
| 092I.007.3.3.4 | 014 | 000000034171 | 18 | 15716 | | 91 | 10 | | 167 | 08 | 12 | 09 | 016 | 26 | | 01-01-1976 | 110.0 | 0.0 | 064 | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 015 | 000000042509 | A | 16451 | | 91 | 10 | | 167 | 08 | 12 | 09 | 017 | 26 | SUNNYVIEW RD | 01-06-1979 | 160.0 | 4.5 | 064 | DRI | 12.0 | GPM | 60 | UNK | UNC | | | |
| 092I.007.3.3.4 | 016 | 000000038383 | B | 18540 | | 91 | 10 | | 167 | 08 | 12 | 09 | 018 | 26 | COLDWATER RD | 15-10-1977 | 215.0 | 6.0 | 120 | DRI | 8.0 | GPM | 97 | UNK | UNC | | | |
| 092I.007.3.3.4 | 017 | 000000038460 | 1 | 22331 | | 91 | 10 | | | 08 | 12 | 09 | 019 | 26 | COLDWATER RD | 28-10-1977 | 200.0 | 6.0 | 120 | DRI | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 018 | 000000034172 | 22 | 15716 | | 91 | 10 | | 167 | 08 | 12 | 09 | 020 | 26 | WILCOCK RD | 01-01-1976 | 36.0 | 0.0 | 064 | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 019 | 000000034170 | 6 | 15716 | | 91 | | | 167 | 08 | 12 | 09 | 021 | 26 | | 01-01-1976 | 96.0 | 0.0 | 064 | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 020 | 000000049457 | 5 | 15716 | | | | | 167 | 08 | 12 | 09 | 022 | 26 | COLDWATER RD | 30-10-1981 | 178.0 | 6.0 | 057 | DRI | 15.0 | USGM | 53 | UNK | UNC | 173-178 | | |
| 092I.007.3.3.4 | 021 | 000000022042 | | | | | | | | 08 | 12 | 10 | 001 | 26 | | 01-01-1969 | 95.0 | 0.0 | 108 | UNK | | | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 022 | 000000049859 | | | | | | | | 08 | 12 | 10 | 002 | 26 | COLDWATER RD | 12-01-1982 | 280.0 | 6.0 | 073 | DRI | 15.0 | GPM | UNK | UNK | UNC | | | |
| 092I.007.3.3.4 | 023 | 000000031914 | | | | | | | | 08 | 12 | 09 | 007 | 26 | | 01-01-1975 | 210.0 | 0.0 | 082 | UNK | | | UNK | 160 | UNC | | | |
| 092I.007.3.3.4 | 024 | 000000058308 | B | 20237 | | 91 | 10 | | 167 | 08 | 12 | 09 | 000 | 26 | COLDWATER RD | 31-07-1988 | 272.0 | 7.0 | 028 | DRI | | | 160 | 247 | BED | | | |
| 092I.007.3.3.4 | 025 | 000000058435 | 4 | 22564 | | 91 | 10 | | | 08 | 12 | 09 | 000 | 26 | COLDWATER RD | 21-09-1988 | 67.0 | 7.0 | 028 | DRI | | | 2 | UNK | UNC | | | |
| 092I.007.3.3.4 | 026 | 000000000075 | C | 18540 | | | | | 167 | 08 | 12 | 09 | 000 | 26 | COLDWATER RD | | 190.0 | 7.0 | 028 | DRI | 2.0 | GPM | 122 | UNK | UNC | | | |
| 092I.007.3.3.4 | 027 | 000000058730 | A | 21260 | | 91 | 10 | | | 00 | 00 | 00 | 000 | 26 | COLDWATER RD. | 07-04-1989 | 223.0 | 6.5 | 028 | DRI | 5.0 | GPM | 100 | UNK | UNC | | | |
| 092I.007.3.3.4 | 028 | 000000059416 | 17 | 15716 | | | | | 167 | 00 | 00 | 00 | 000 | 26 | SUNNYVIEW ST. | 24-07-1990 | 196.0 | 6.5 | 028 | DRI | 8.0 | GPM | 100 | UNK | UNC | 192-196 | | |
| 092I.007.3.3.4 | 029 | 000000059474 | 23 | 15716 | | | | | 167 | 00 | 00 | 00 | 000 | 26 | WILCOCK AVE. | 13-09-1990 | 182.0 | 6.5 | 028 | DRI | 6.0 | GPM | 70 | UNK | UNC | 178-182 | | |
| 092I.007.3.3.4 | 030 | 000000059429 | B | 20237 | | 91 | 10 | | 167 | 00 | 00 | 00 | 000 | 26 | COLDWATER RD. | 03-08-1990 | 376.0 | 6.5 | 028 | DRI | 5.0 | GPM | 195 | 356 | BED | | | |
| 092I.016.1.3.1 | 001 | 000000058490 | | | | | | | | 08 | 10 | 26 | 000 | 26 | | 12-10-1988 | 175.0 | 7.0 | 028 | DRI | | | 120 | 165 | BED | 171-175 | | |
| 092I.016.1.3.1 | 002 | 000000058464 | | | | 14 | | 22 | 1611 | 08 | 10 | 24 | 000 | 26 | SUNSHINE VALLEY RD | 30-09-1988 | 139.0 | 7.0 | 028 | DRI | | | 25 | UNK | UNC | 131-139 | | |
| 092I.016.2.2.3 | 001 | 000000060434 | A | | | | | | | 08 | 11 | 24 | 000 | 26 | LINDLEY CREEK RD. | 14-09-1993 | 340.0 | 0.0 | 028 | DRI | 100.0 | USGM | 55 | 130 | BED | | | |
| 092I.016.2.3.2 | 001 | 000000060407 | D | | | | | | | 08 | 11 | 23 | 000 | 26 | LINDLEY CREEK RD. | 01-09-1993 | 130.0 | 0.0 | 028 | DRI | 2.0 | USGM | 2 | | UNC | | | |
| 092I.016.2.3.2 | 002 | 000000060442 | E | | | | | | | 08 | 11 | 23 | 000 | 26 | LINDLEY CREEK RD. | 17-09-1993 | 240.0 | 6.0 | 028 | DRI | 20.0 | USGM | 55 | 60 | BED | | | |
| 092I.016.2.3.2 | 003 | 000000060445 | C | | | | | | | 08 | 11 | 23 | 000 | 26 | LINDLEY CR. RD. | 20-09-1993 | 400.0 | 6.0 | 028 | DRI | 2.0 | USGM | 75 | 105 | BED | | | |
| 092I.016.2.4.1 | 001 | 000000011577 | | | | | | | 127 | 08 | 12 | 19 | 002 | 26 | | 01-01-1950 | 10.0 | 0.0 | UNK | DUG | | | 8 | UNK | UNC | | | |
| 092I.016.2.4.1 | 002 | 000000015042 | | | | | | | | 08 | 11 | 24 | 001 | 26 | | 01-01-1957 | 10.0 | 0.0 | UNK | DUG | | | 8 | UNK | UNC | | | |
| 092I.016.2.4.1 | 003 | 000000019055 | | | | | | | | 08 | 11 | 25 | 001 | 26 | | 01-01-1965 | 7.0 | 0.0 | UNK | DUG | | | UNK | UNK | UNC | | | |
| 092I.016.2.4.1 | 004 | 000000025683 | | | | | | | | 08 | 11 | 25 | 002 | 26 | | 18-11-1971 | 157.0 | 0.0 | 108 | DRI | 10.0 | GPM | UNK | 97 | UNC | | | |
| 092I.016.2.4.1 | 005 | 000000025696 | | | | | | | | 08 | 11 | 25 | 003 | 26 | | 24-11-1971 | 60.0 | 0.0 | 108 | DRI | | | UNK | 57 | UNC | | | |
| 092I.016.2.4.1 | 006 | 000000059616 | | | | | | | 1923 | 00 | 00 | 00 | 000 | 26 | HWY88 - 3KM W. OF ME | 19-03-1991 | 100.0 | 6.0 | 028 | DRI | 11.0 | GPM | 80 | | BED | | | |
| 092I.016.2.4.3 | 001 | 000000025702 | | | | | | | | 08 | 11 | 25 | 004 | 26 | | 27-11-1971 | 85.0 | 6.0 | 108 | DRI | 30.0 | GPM | 24 | UNK | UNC | 81-85 | | |
| 092I.016.2.4.3 | 002 | 000000060278 | 204 | M12308 | | | | | | 08 | 11 | 25 | 000 | 26 | MAMIT LAKE RD. | 13-04-1993 | 105.0 | 8.0 | 028 | DRI | 250.0 | USGM | | | UNC | 88-105 | | |
| 092I.016.2.4.3 | 003 | 000000060279 | 204 | M12308 | | | | | | 08 | 11 | 25 | 000 | 26 | MAMIT LAKE RD. | 15-04-1993 | 92.0 | 8.0 | 028 | DRI | 250.0 | USGM | | | UNC | 76-92 | | |
| 092I.016.4.1.4 | 001 | 000000037218 | 15 | 25353 | | 89 | 11 | | 301 | 09 | 11 | 02 | 001 | 26 | KINVIC RD | 17-05-1977 | 30.0 | 6.0 | 134 | DRI | 5.0 | GPM | 10 | UNK | UNC | | | |
| 092I.016.4.1.4 | 002 | 000000037374 | 21 | 25353 | | 89 | 11 | | 1603 | 09 | 11 | 02 | 002 | 26 | | 05-06-1977 | 40.0 | 6.0 | 134 | UNK | 5.0 | GPM | 28 | UNK | UNC | | | |
| 092I.016.4.1.4 | 003 | 000000037060 | 22 | 25353 | | 89 | 11 | | 1603 | 09 | 11 | 02 | 003 | 26 | KINVIC RD | 27-04-1977 | 40.0 | 6.0 | 134 | DRI | 3.0 | GPM | 26 | UNK | UNC | | | |
| 092I.016.4.1.4 | 004 | 000000043549 | 28 | 23007 | | 89 | 11 | | 1603 | 09 | 11 | 02 | 004 | 26 | ABERDEEN RD | 01-10-1979 | 310.0 | 4.0 | 173 | DRI | 20.0 | GPM | UNK | UNK | UNC | 206-216 | | |
| 092I.016.4.1.4 | 005 | 000000058190 | 14 | 25353 | | 89 | | | 1603 | 09 | 11 | 02 | 000 | 26 | | 06-06-1988 | 37.0 | 7.0 | 028 | DRI | | | 25 | UNK | UNC | 33-37 | | |
| 092I.016.4.1.4 | 006 | 000000058302 | 12 | 25353 | | 89 | | | 1603 | 09 | 11 | 02 | 000 | 26 | | 28-07-1988 | 24.0 | 7.0 | 028 | DRI | | | 12 | UNK | UNC | 20-24 | | |
| 092I.016.4.1.4 | 007 | 000000059129 | 21 | 23007 | | | | | 1603 | 00 | 00 | 00 | 000 | 26 | KINVIG ST. | 26-10-1989 | 98.0 | 6.5 | 028 | DRI | 8.0 | GPM | 24 | UNK | UNC | 94-98 | | |
| 092I.016.4.1.4 | 008 | 000000059547 | 37 | 23007 | | | | | 1603 | 00 | 00 | 00 | 000 | 26 | 561 ABERDEEN RD. | 07-11-1990 | 82.0 | 6.5 | 028 | DRI | 8.0 | GPM | 25 | UNK | UNC | 78-82 | | |
| 092I.016.4.1.4 | 009 | 000000059253 | 28 | 23007 | | | | | 1603 | 00 | 00 | 00 | 000 | 26 | 562 KINVIG ST. | 04-04-1990 | 98.0 | 6.5 | 028 | DRI | 8.0 | GPM | 25 | UNK | UNC | 94-98 | | |
| 092I.016.4.1.4 | 010 | 000000059234 | | | | | | | | 00 | 00 | 00 | 000 | 26 | ABERDEEN RD. ROCKY | 09-03-1990 | 60.0 | 6.5 | 090 | DRI | 5.0 | GPM | 14 | UNK | UNC | 50-58 | | |
| 092I.016.4.3.2 | 001 | 000000048549 | | | | | | | | 09 | 11 | 11 | 001 | 26 | CREG MT RD | 10-07-1981 | 70.0 | 6.0 | 073 | DRI | 10.0 | GPM | 7 | UNK | UNC | 66-70 | | |
| 092I.016.4.3.2 | 002 | 000000058047 | | | | | | | | 09 | 11 | 11 | 000 | 26 | ROCKY PINE RESERVE | 14-04-1988 | 138.0 | 7.0 | 090 | UNK | | | UNK | UNK | UNC | | | |
| 092I.016.4.3.2 | 003 | 000000058044 | | | | | | | | 09 | 11 | 11 | 000 | 26 | ROCKY PINE RESERVE | 13-04-1988 | 180.0 | 7.0 | 090 | UNK | | | UNK | 80 | BED | | | |

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WELL4600 Production

# M I N I S T R Y O F E N V I R O N M E N T , L A N D S & P A R K S

## Water Rights Information System

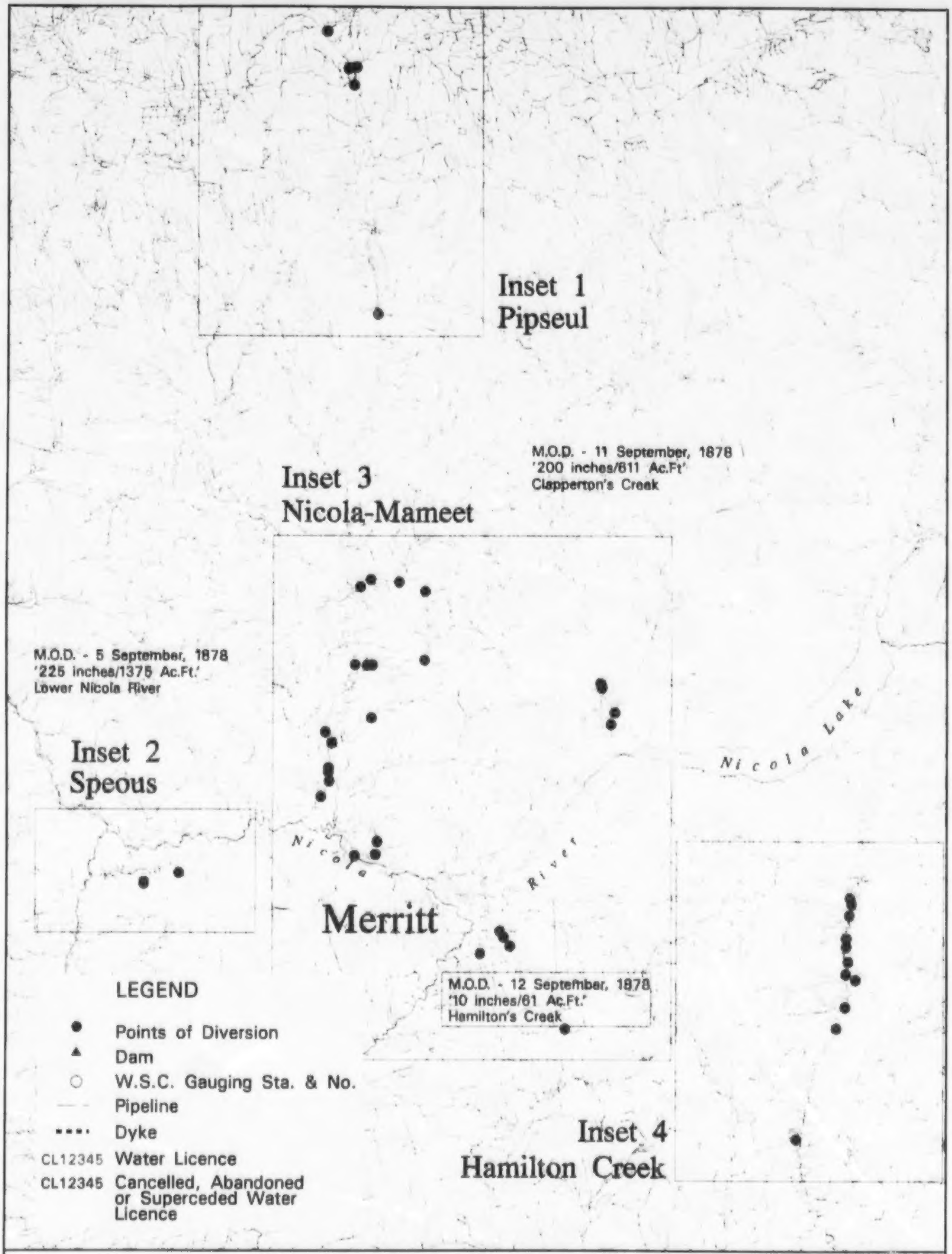
## Summary Report (with legal descriptions and old coordinates)

| BCGS Map Area | Well No. | Well Tag No. | Lot No. | Plan No. | Blk No. | TP | SC | RG | D.L. | S | X | Y | Old Well No. | L.D. | Site Address | Date Constructed (dmy) | Well Depth (ft.) | Well Diam. (in.) | Drill Contr No. | Const. Method | Well Yield | Yld. Unt. | Depth to Water (ft.) | Depth to Bedrk (ft.) | Aquif Litho | Screen Interval (ft.) | G.W. Rpt | Chem Lab |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 092I.016.4.3.2 | 013 | 000000061488 | | | | 89 | | | | 00 | 00 | 00 | 000 | 26 | ABERDEEN RD.-ROCKY P | 14-04-0094 | 58.0 | 6.0 | 023 | DRI | 22.0 | GPM | 11 | | UNC | 41-53 | | |
| 092I.017.4.1.4 | 001 | 000000017111 | | | | | | | | 09 | 13 | 05 | 001 | 26 | | 11-09-1961 | 47.5 | 0.0 | 120 | DRI | 1000.0 | GPM | 20 | UNK | UNC | | | |
| 092I.017.4.1.4 | 002 | 000000017153 | | | | | | | | 09 | 13 | 05 | 002 | 26 | NICOLA VALLEY | 09-12-1961 | 95.0 | 0.0 | 120 | DRI | 35.0 | GPM | 52 | UNK | UNC | | | |
| 092I.017.4.1.4 | 003 | 000000049590 | | | | | | | | 09 | 13 | 05 | 003 | 26 | NICOLA LAKE | 23-11-1981 | 80.0 | 6.0 | 073 | DRI | 5.0 | GPM | UNK | UNK | UNC | | | |
| 092I.017.4.1.4 | 004 | 000000011627 | | | | | | | 117 | 09 | 13 | 06 | 001 | 26 | | 01-01-1950 | 4.0 | 0.0 | UNK | OTH | | | UNK | UNK | UNC | | | |
| 092I.017.4.1.4 | 005 | 000000057635 | 56 | | | | | | | 09 | 13 | 05 | 000 | 26 | MILL CREEK ROAD | 24-10-1987 | 119.0 | 7.0 | 028 | DRI | | | 90 | UNK | UNC | 115-119 | | |
| 092I.017.4.1.4 | 006 | 000000059546 | | | | | | | 115 | 00 | 00 | 00 | 000 | 26 | MONCK PARK RD. | 06-11-1990 | 252.0 | 6.5 | 028 | DRI | 25.0 | GPM | 60 | UNK | UNC | 248-252 | | |
| [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | | | |
| 092I.018.3.2.2 | 002 | 000000002964 | | | | | | | 110 | 08 | 14 | 33 | 001 | 26 | | 01-01-1948 | 13.0 | 0.0 | UNK | DUG | | | 6 | UNK | UNC | | | |
| 092I.018.3.2.2 | 003 | 000000011639 | | | | | | | 109 | 08 | 14 | 33 | 002 | 26 | | 01-01-1950 | 15.0 | 0.0 | UNK | DUG | | | 7 | UNK | UNC | | | |
| [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | | | |

------------ END OF REPORT WELL4600 ------------

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 092I.016.4.3.2 | 004 | 000000058206 | | 09 | 11 | 11 | 000 | 26 | | 10-06-1988 | 152.0 | 7.0 | 090 | UNK | | | UNK | UNK | UNC | |
| 092I.016.4.3.2 | 005 | 000000058211 | | 09 | 11 | 11 | 000 | 26 | ABERDEEN ROAD | 11-06-1988 | 108.0 | 7.0 | 090 | UNK | | | UNK | UNK | UNC | 99-107 |
| 092I.016.4.3.2 | 006 | 000000058202 | | 09 | 11 | 11 | 000 | 26 | | 09-06-1988 | 300.0 | 7.0 | 090 | DRI | | | UNK | UNK | UNC | |
| 092I.016.4.3.2 | 007 | 000000059233 | | 00 | 00 | 00 | 000 | 26 | ABERDEEN RD. ROCKY | 08-03-1990 | 100.0 | 6.5 | 090 | DRI | 20.0 | GPM | 14 | UNK | UNC | |
| 092I.016.4.3.2 | 008 | 000000059235 | | 00 | 00 | 00 | 000 | 26 | ABERDEEN RD. ROCKY | 10-03-1990 | 47.0 | 6.5 | 090 | DRI | 25.0 | GPM | 12 | UNK | UNC | 34-46 |
| 092I.016.4.3.2 | 009 | 000000059232 | | 00 | 00 | 00 | 000 | 26 | ABERDEEN RD. ROCKY | 07-03-1990 | 80.0 | 6.5 | 090 | DRI | | | | UNK | UNC | |
| 092I.016.4.3.2 | 010 | 000000059231 | | 00 | 00 | 00 | 000 | 26 | ABERDEEN RD. ROCKY | 06-03-1990 | 120.0 | 6.5 | 090 | DRI | | | | UNK | UNC | |
| 092I.016.4.3.2 | 011 | 000000061483 | 89 | 00 | 00 | 00 | 000 | 26 | ABERDEEN RD-ROCKY PI | 06-04-0094 | 60.0 | 6.0 | 023 | DRI | | | | | UNC | |
| 092I.016.4.3.2 | 012 | 000000061486 | 89 | 00 | 00 | 00 | 000 | 26 | ABERDEEN RD.-ROCKY P | 11-04-0094 | 47.0 | 6.0 | 023 | DRI | 30.0 | GPM | 10 | | UNC | 34-46 |

DISCLAIMER: The Province disclaims all responsibility for the accuracy of this information. This information should not be used as a basis for making financial or any other commitments.



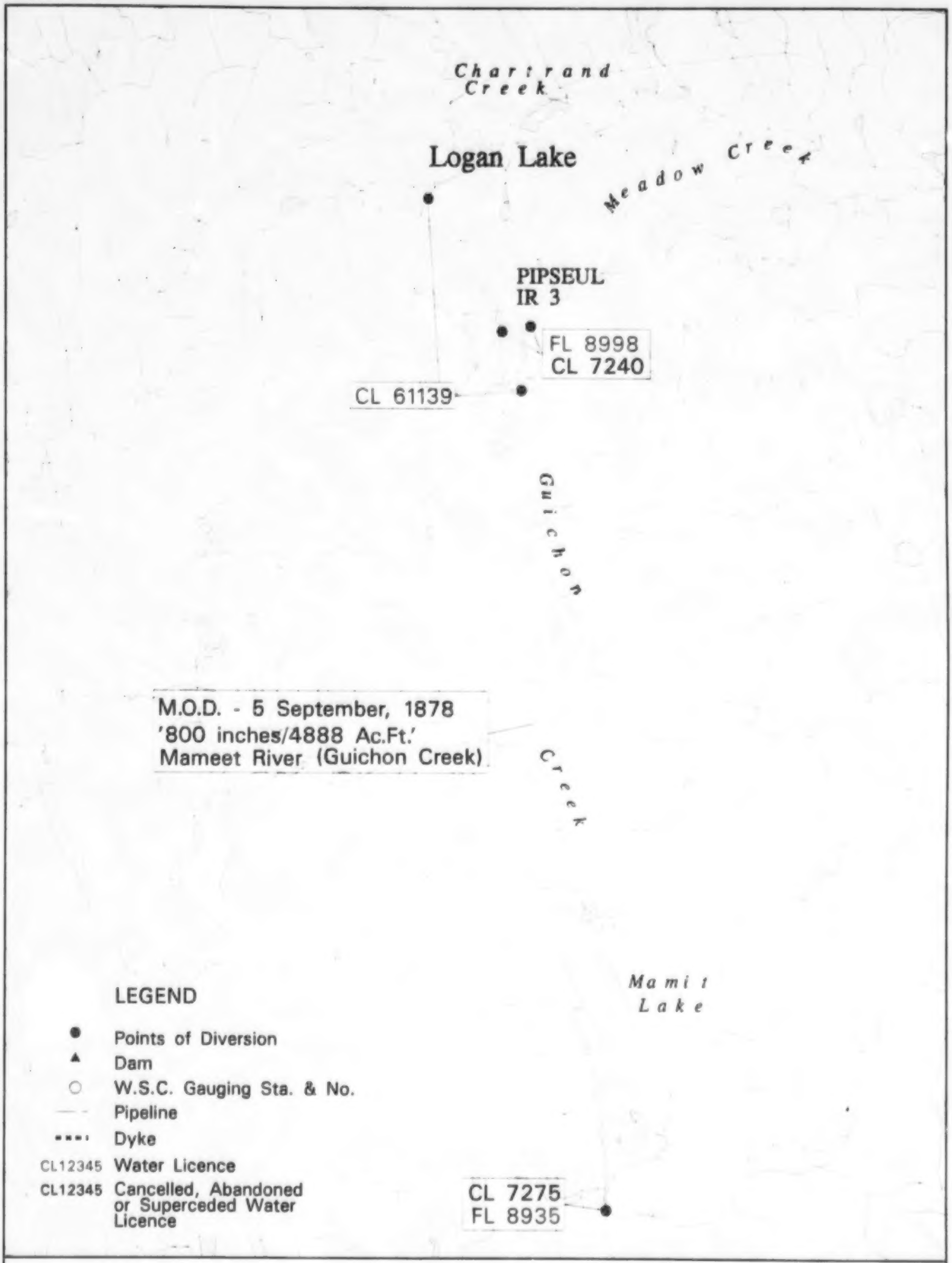
# Lower Nicola

Scale 1:250,000

Ministry of Environment, Lands & Parks

Date: April 02, 1998

Environment & Lands Division



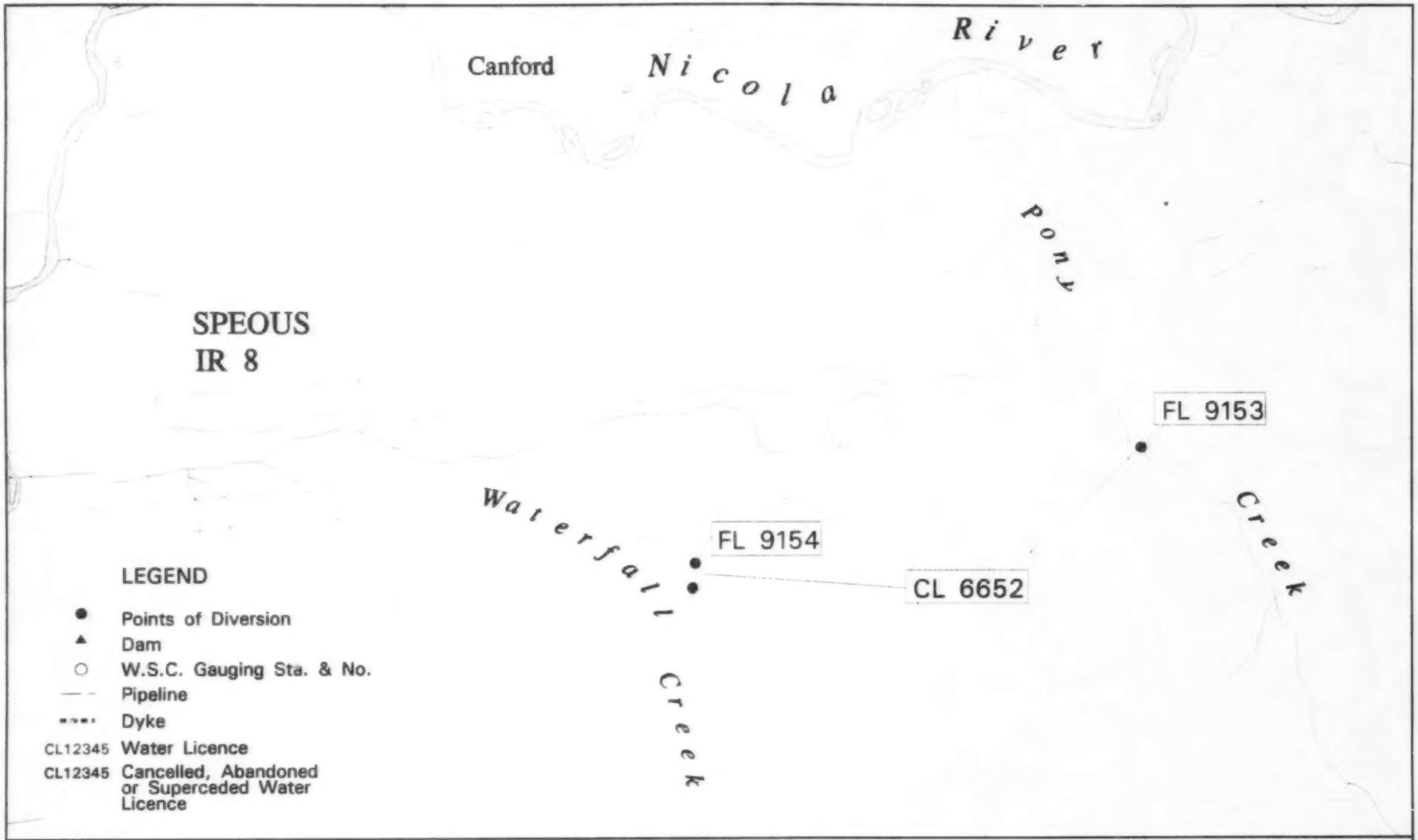
# Pipseul

Scale 1:70,000

Ministry of Environment, Lands & Parks

Date: April 02, 1998

Environment & Lands Division



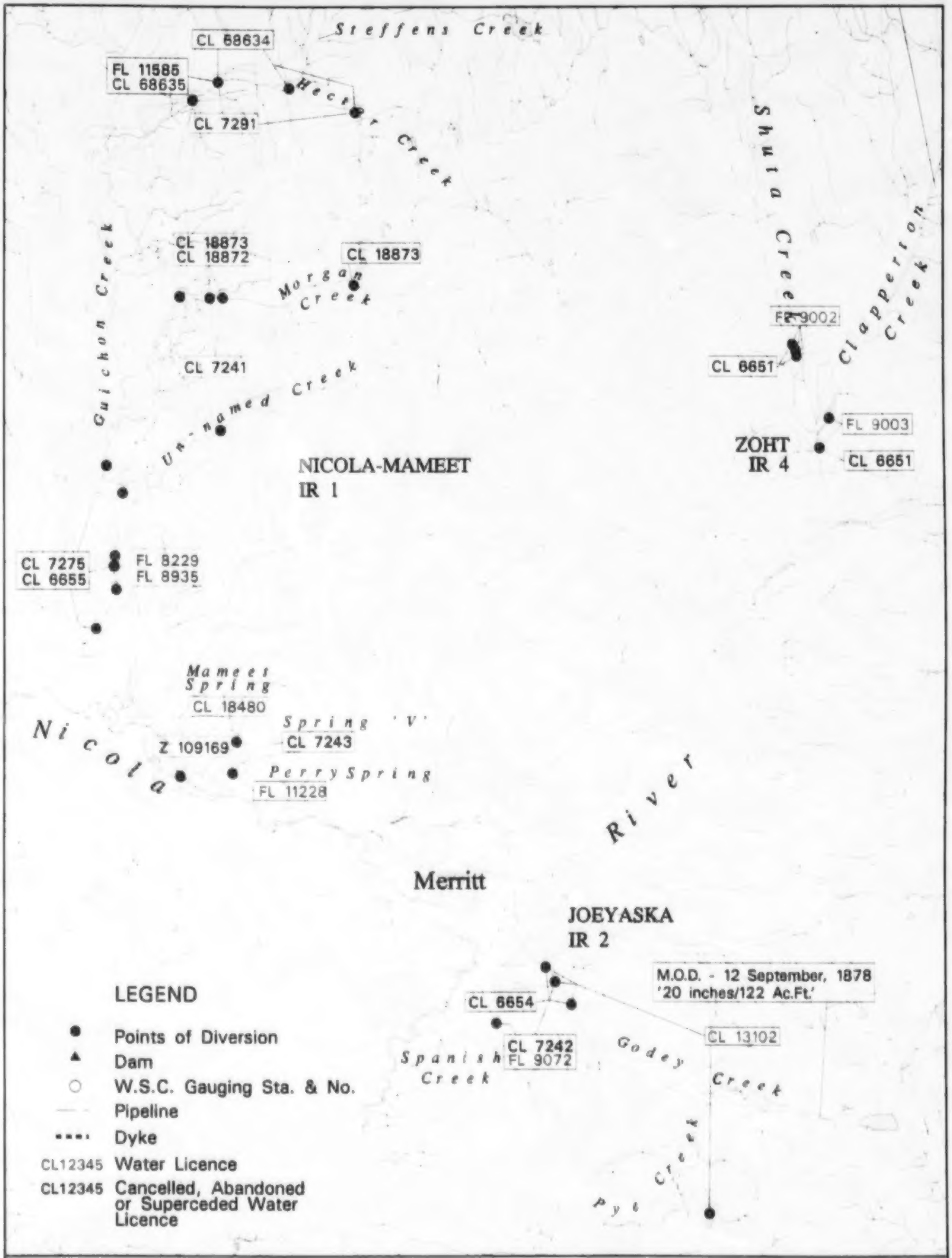
## Speous

Scale 1:20,000

Ministry of Environment, Lands & Parks

Date: March 02, 1998

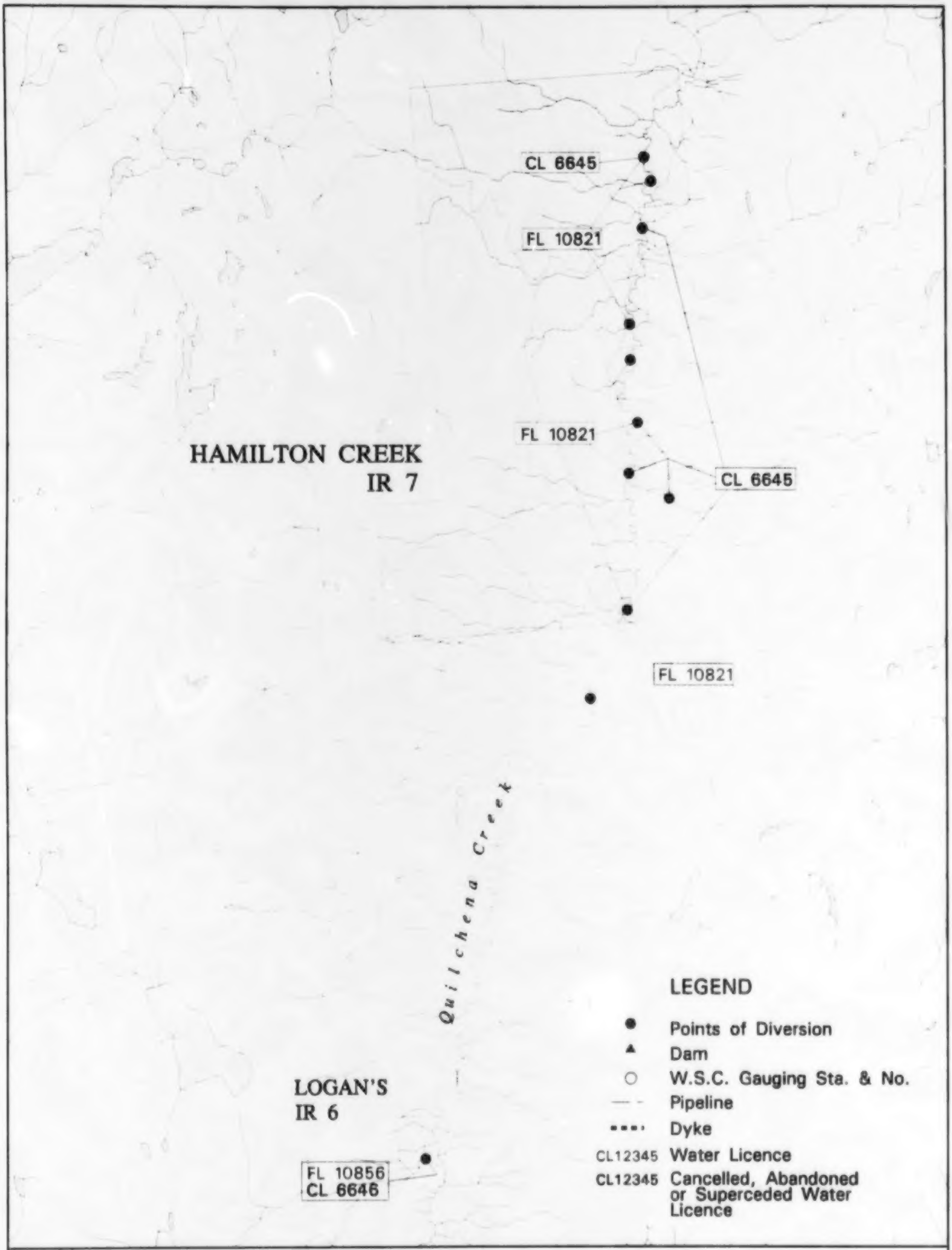
Environment & Lands Division



# Nicola-Mameet

Scale 1:100,000

Ministry of Environment, Lands & Parks Date: April 03, 1998 Environment & Lands Division



Hamilton Creek

Scale 1:60,000

Ministry of Environment, Lands & Parks Date: March 02, 1998 Environment & Lands Division